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ROUTES

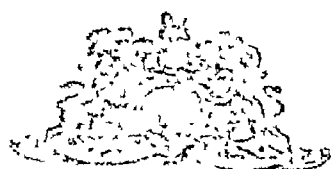
IN INDIA

BENGAL AND PUNJAB COMMANDS.

REVISED EDITION, WITH MAP.

COMPILED IN THE

OFFICE OF QUARTER MASTER GENERAL IN INDIA.



Carey Fleet Quarters, Simla, 1st June 1902

CALCUTTA

BY THE GOVERNMENT OF INDIA, PRINTED AT THE GOVERNMENT PRESS, CALCUTTA.

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ROUTES
IN THE
BENGAL AND PUNJAB COMMANDS.

PREFACE.

THIS edition shows all the principal roads in the Punjab and Bengal Commands, revised and brought up-to-date; but as errors may have occurred, the Quarter Master General in India will be glad to hear from officers and

Corrections to the Routes in the Bengal and Punjab Commands, 1900.

In Route 33 (*on*, page 27, the first bracket in columns one and two should end at "DUMONDJANI," the second bracket in the same columns commencing at "HAKCHASA."

On page 170, strike out the letters "sa." against "SIBSA", and insert those letters against "BOUSSIA" on page 171.

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In Route 33 (a), page 27, the first bracket in columns one and two should end at "BURUMONDJANA," the second bracket in the same columns commencing at "HANUBANA."

On page 170, strike out the letters "a," against "NIBSA," and insert these letters against "ROBANIA," on page 171.

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| ROUTES | 1—421 |
| ALPHABETICAL INDEX OF STAGES | (i—xxiii) |
| MAP | <i>In pocket.</i> |

SERIAL INDEX.

| Page. | Route No. | From | To | T/A | DISTANCE. | | Number of Stages. |
|----------|-----------|----------------|---------------------|---|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| A | | | | | | | |
| 1 | 1 | ABBOTTABAD | CHATTAR PLAIN | Shinkleri | 47 | 0 | 4 |
| ib. | 1(a) | " | " | Oghi | 54 | 4 | 5 |
| ib. | 2 | " | CHILAS | Jaha, Balakote and Kaghan | 166 | 0 | 14 |
| 3 | 3 | " | DERBAND | Haripur | 61 | 0 | 6 |
| ib. | 3(a) | " | " | Seri Sher Shah | 41 | 0 | 4 |
| 4 | 4 | " | EDWARDESABAD | Haripur, Fatahjang and Kalabagh | 234 | 6 | 20 |
| 5 | 5 | " | KOHAT | Haripur and Khushalgarh | 143 | 0 | 13 |
| ib. | 6 | " | MARDAN | Haripur and Torbela | 85 | 0 | 8 |
| 6 | 6(a) | " | " | Seri Sher Shah and Torbela | 69 | 0 | 9 |
| ib. | 7 | " | SHAHIPUR | Haripur, Talagang and Jaha | 177 | 0 | 17 |
| 7 | 7(a) | " | " | Haripur, Hasan Abdal, Chaudhry and Chakwal | 211 | 2 | 19 |
| 8 | 8 | " | SRINAGAR | Gurbi | 164 | 5 | 11 |
| 9 | 9 | AGRA | ALIGARH | Hathras | 53 | 3 | 5 |
| ib. | 10 | " | BATESAR | Fatehabad | 43 | 4 | 4 |
| ib. | 11 | " | BHARATPUR | Acherna | 31 | 0 | 3 |
| 10 | 12 | " | BUDAUN | Hathras, Sikandra-Bao, Kasganj and Kachla Ghat | 106 | 1 | 11 |
| ib. | 13 | " | DELHI | Muttra, Hodal and Palwal | 127 | 6 | 11 |
| 11 | 14 | " | DEOLI | As far as Bharatpur (Remainder in Bombay Route Book No. 202.) | 31 | 0 | 3 |
| 12 | 15 | " | ETAWAH | Shikohabad and Jaswantnagar | 68 | 0 | 6 |
| ib. | 15(a) | " | " | The right bank of the Jumna | 78 | 0 | 7 |
| ib. | 16 | " | FATEHGARH | Shikohabad and Bawar | 100 | 5 | 9 |
| 13 | 17 | " | JHANSI | Dholpur, Gwalior and Dattiah | 133 | 7 | 13 |
| 14 | 18 | " | KARAULI | As far as Bari. (Remainder in Bombay Route Book No. 218(2).) | 61 | 3 | 4 |
| ib. | 18(a) | " | " | As far as Kanua. (Remainder in Bombay Route Book No. 218.) | 29 | 7 | 3 |
| ib. | 18(b) | " | " | As far as Bari, <i>via</i> Sipao. (Remainder in Bombay Route Book No. 218 (1).) | 45 | 1 | 3 |
| 15 | 18(c) | " | " | As far as Bari, <i>via</i> Manla and Sipao. (Remainder in Bombay Route Book No. 218 (3).) | 48 | 0 | 4 |
| ib. | 18(d) | " | " | As far as Bari, <i>via</i> Kagerole and Khairagarh. (Remainder in Bombay Route Book No. 218 (4).) | 46 | 1 | 3 |
| ib. | 19 | " | MHOW | As far as Mnakee, <i>via</i> Dholpur, Gwalior, Sipri, Goona, Biana and Sarangpur. (Remainder in Bombay Route Book No. 221.) | 331 | 1 | 30 |
| 17 | 19(a) | " | " | As far as Kanua. (Remainder in Bombay Route Book No. 221 (1).) | 20 | 7 | 3 |
| ib. | 20 | " | MORAR | Dholpur | 74 | 0 | 7 |
| ib. | 21 | " | NASIRABAD | As far as Bharatpur. (Remainder in Bombay Route Book No. 243.) | 81 | 6 | 3 |
| 18 | 21(a) | " | " | As far as Kanua. (Remainder and alternative routes in Bombay Route Book Nos. 243 (1), (2) and (3).) | 20 | 7 | 3 |
| ib. | 22 | " | NEEMUCH | As far as Kanua. (Remainder and alternative route in Bombay Route Book Nos. 236 and 235 (1).) | 20 | 7 | 3 |

| Miles. | | Perloogs. | | Page. | Route No. | From | To | Via | DISTANCE. | | Number of Stages. | |
|-------------------|-----------|-----------|-----------|---------------------|--------------------------------------|---------------------------------|-----|-----|-----------|--|-------------------|--|
| Miles. | Perloogs. | Miles. | Perloogs. | | | | | | | | | |
| A— <i>conold.</i> | | | | | | | | | | | | |
| 0 | 18 | 41 | 51 | AMRITSAR | SIALKOT | Ajnala and Taurur | 08 | 0 | 7 | | | |
| 0 | 7 | 42 | 52 | ARRAH | CHAPRA | Budhera | 18 | 0 | 2 | | | |
| 0 | 8 | ib. | 53 | " | DEHRI | Gudhani, Sakratu and Nasriganj | 58 | 4 | 5 | | | |
| 0 | 7 | 43 | 53(a) | " | " | Powna and Nasriganj | 64 | 4 | 5 | | | |
| 5 | 7 | ib. | 53(b) | " | " | Bikramganj and Sacaram | 74 | 4 | 6 | | | |
| 6 | 8 | ib. | 53(c) | " | " | Ukhgam and Nasriganj | 60 | 0 | 6 | | | |
| 5 | 10 | 44 | 54 | " | GAYA | Nasriganj and Deohara | 98 | 2 | 9 | | | |
| 0 | 3 | ib. | 55 | " | GHAZIPUR | Bhojpur and Buxar | 71 | 4 | 7 | | | |
| 4 | 11 | 45 | 56 | " | SASARAM | Jagdispur and Nokha | 70 | 8 | 6 | | | |
| 0 | 8 | ib. | 57 | ATTOCK | ABBOTTABAD | Sarai Kata and Haripur | 81 | 2 | 7 | | | |
| 2 | 8 | ib. | 57(a) | " | " | Hazra and Haripur | 67 | 0 | 5 | | | |
| 2 | 9 | 46 | 58 | " | CAMPBELLTUP | ..... | 14 | 0 | 1 | | | |
| 5 | 18 | ib. | 59 | " | DERBAND | Torbela | 57 | 0 | 5 | | | |
| 1 | 8 | ib. | 60 | " | EDWANDESABAD | Chol, Makhad, Kalabagh and Laki | 210 | 6 | 18 | | | |
| 2 | 6 | 47 | 61 | " | KOHAT | Nilab Gacha | 72 | 4 | 6 | | | |
| 0 | 21 | ib. | 62 | AURANGABAD | GAYA | Rafganj | 42 | 0 | 3 | | | |
| 4 | 25 | 48 | 63 | AZAMGARH | CHAPRA | Damali | 113 | 4 | 10 | | | |
| 0 | 6 | ib. | 64 | " | GHAZIPUR | Birua | 44 | 0 | 4 | | | |
| 5 | 5 | ib. | 65 | " | GORAKHPUR | Deorhi Ghat | 64 | 0 | 6 | | | |
| 2 | 12 | 49 | 66 | " | SULTANPUR | Malal and Sirherpur | 85 | 0 | 7 | | | |
| B | | | | | | | | | | | | |
| 0 | 7 | 50 | 67 | BAH | SHIKOHABAD | ..... | 17 | 0 | 1 | | | |
| 1 | 25 | ib. | 68 | BAHADUR KHEL | THULL | Gurgari | 31 | 4 | 2 | | | |
| 7 | 3 | ib. | 69 | BAHRAICH | BIHAGORA TAL, on the Nepal Frontier. | Bhinga | 34 | 0 | 3 | | | |
| 0 | 12 | ib. | 70 | " | PADNAHA, on the Nepal Frontier. | Nanpara and Banki | 67 | 4 | 6 | | | |
| 3 | 16 | 51 | 71 | " | SITKA GHAT, in Nepal. | Nanpara and Gaudin (Olden) | 63 | 0 | 6 | | | |
| 2 | 10 | ib. | 72 | " | TULSIPIUR | Ikaura and Balrampur | 50 | 0 | 6 | | | |
| 3 | 16 | ib. | 73 | BAIDYANATH-DEOGHUR. | PIRPAINTI. | Haidiha | 90 | 0 | 11 | | | |
| 5 | 11 | 52 | 74 | " | RAMPUR-JAT | Dumka | 78 | 0 | 8 | | | |
| 3 | 6 | ib. | 75 | BALASORE | CUTTACK | Soro and Bhadrak | 106 | 0 | 12 | | | |
| 2 | 8 | 53 | 76 | BANDA | ETAWAH | Jalalpur and Kalpi | 145 | 5 | 13 | | | |
| 0 | 6 | 54 | 77 | " | FATEHGARI | Jalalpur and Haralabad | 171 | 0 | 16 | | | |
| 4 | 6 | ib. | 78 | " | MANKIPUR RY. STN. | Kareri | 60 | 7 | 6 | | | |
| 0 | 8 | 55 | 79 | " | NAGODE (see Route 516) | Baramganj | 90 | 5 | 6 | | | |
| 4 | 22 | ib. | 80 | BANDA SHAIL DAUD | THULL | Tori and Gurgari | 37 | 0 | 3 | | | |
| 3 | 6 | ib. | 81 | BANKURA | CHAIRASSA | Sindri | 96 | 0 | 13 | | | |
| 3 | 6 | 56 | 82 | " | MIDNAPORE | Gurubota | 68 | 2 | 6 | | | |
| 2 | 4 | ib. | 83 | " | PURULLA | Hura | 61 | 0 | 5 | | | |
| 4 | 4 | 57 | 84 | " | RANIGANJ | Gangajalghati | 20 | 4 | 3 | | | |
| 2 | 6 | ib. | 85 | BAREILLY | ALMORA | Baheri and Raulbagh | 102 | 6 | 11 | | | |
| 0 | 6 | 58 | 86 | " | BUDAUN | Binawar | 27 | 6 | 3 | | | |

| Page. | Route No. | From | To | Fid | Distances | | Number of Stages. |
|----------|-----------|-----------|---|--|-----------|----------|-------------------|
| | | | | | Miles. | Perches. | |
| A—contd. | | | | | | | |
| 18 | 23 | AGRA | PAORI | Galler and Mahona | 147 | 0 | 18 |
| 1b. | 24 | ALIGARH | BUDAUN | Kanung | 78 | 0 | 7 |
| 19 | 24(a) | " | " | Aunpshahr and Sahaswan | 96 | 7 | 9 |
| 1b. | 25 | " | DELHI | Jethar | 87 | 7 | 7 |
| 20 | 26 | " | MEERUT | The Grand Trunk Road and Hapur | 81 | 5 | 7 |
| 1b. | 27 | " | MORADABAD | Aunpshahr and Sambhal | 80 | 6 | 8 |
| 21 | 27(a) | " | " | Jetwal and Sambhal | 113 | 5 | 10 |
| 1b. | 28 | " | MUTTRA | Rara | 41 | 0 | 3 |
| 22 | 29 | ALLAHABAD | BANDA | Patehpar, Chhiltara and Pipranda | 122 | 4 | 11 |
| 1a. | 29(a) | " | " | Hajapur ferry and Bilgaon | 107 | 0 | 8 |
| 23 | 29(b) | " | " | Hajapur ferry and Kamadin | 105 | 2 | 8 |
| 1b. | 29(c) | " | " | Karoli, Hajapur ferry and Bilgaon | 101 | 2 | 7 |
| 24 | 30 | " | ETAWAH | Patehpar, Khajaha and Sikandra | 213 | 5 | 18 |
| 1b. | 31 | " | PYZABAD | Gomon and Saltaapur | 99 | 1 | 8 |
| 25 | 32 | " | JAUNPUR | The Grand Trunk Road and Machhishahr | 68 | 2 | 6 |
| 1b. | 33 | " | JUBBULPORE | Gohagi, Rewah and Maihar | 210 | 6 | 21 |
| 27 | 33(a) | " | " | Yalgauj, the Katra Pass, Rewah and Maihar. | 272 | 4 | 25 |
| 28 | 34 | " | MIRZAPUR | The left bank of the Ganges | 68 | 0 | 6 |
| 1b. | 34(a) | " | " | The right bank of the Ganges | 68 | 5 | 6 |
| 1b. | 35 | " | NAGODE | The Sohagi Pass, Rewah and Madhagarh | 123 | 3 | 12 |
| 28 | 36 | " | RAE-BARELI | Nawabganj and Salma | 71 | 8 | 6 |
| 1b. | 36(a) | " | " | The Grand Trunk Road and Manikpur | 88 | 0 | 7 |
| 30 | 36(b) | " | " | Nawabganj and Manikpur | 75 | 6 | 7 |
| 1b. | 37 | " | SAUGOR | The Sohagi Pass, Malhar, Piparia Ghat and Damoh. | 270 | 1 | 25 |
| 31 | 38 | " | SHIBRAJPUR (Artillery Practice Camp) | Barah | 28 | 7 | 3 |
| 32 | 39 | " | UNAO | Nawabganj and Bihar | 129 | 0 | 12 |
| 1b. | 40 | ALMORA | LANDOUR | Dwarahat, Bangidhar, Pauri and Tehri | 170 | 3 | 16 |
| 33 | 40(a) | " | " | Dwarahat, Bangidhar, Pauri and Dehra-Dun. | 208 | 2 | 10 |
| 34 | 40(b) | " | " | Dwarahat, the Ganges Valley Road and Purnea | 174 | 3 | 16 |
| 35 | 41 | " | LANDSOWNE | Dwarahat, Bangidhar and Pokhra | 112 | 5 | 11 |
| 1b. | 42 | " | LOHAGHAT | Dhunaghat | 40 | 3 | 5 |
| 36 | 43 | " | NAINI TAL | Khairna | 30 | 2 | 3 |
| 1b. | 43(a) | " | " | Ramgarh | 33 | 0 | 3 |
| 1b. | 44 | " | PITHORAGARH | Nalni | 63 | 4 | 6 |
| 1b. | 45 | " | RANIKHET | Majkali | 28 | 0 | 3 |
| 37 | 46 | " | THE TIBETAN FRONTIER | Dwarahat, Joshimath and the Niti Pass | 243 | 4 | 22 |
| 39 | 47 | AMRITSAR | FEROZEPUR | Ganda Singhwala | 55 | 3 | 6 |
| 1b. | 48 | " | GUJRANWALA | Eminabad | 56 | 3 | 5 |
| 1b. | 49 | " | GURDASPUR | Batala | 42 | 2 | 4 |
| 40 | 49(a) | " | " | Fatehgarh and Kalanaur | 40 | 4 | 4 |
| 1b. | 50 | " | HOSHIAPUR | The Grand Trunk Road and Kartarpur | 67 | 3 | 6 |
| 1b. | 50(a) | " | " | Mabta | 70 | 0 | 6 |
| 41 | 50(b) | " | " | Batala | 87 | 4 | 9 |

| Page. | Route No. | From | To | Via | Distances. | | Number of Stages. |
|-----------|-----------|--------------------------|----------------------|--|------------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| B—conold. | | | | | | | |
| 76 | 120 | BILGALPUR | SOOREE | Bansl and Dumka | 119 | 0 | 12 |
| 77 | 121 | BIJNOR | SRINAGAR, in Garhwal | Najibabad | 91 | 1 | 9 |
| ib. | 122 | BIKANER | BAHAWALPUR | In Bahawalpur territory only.—(First portion of route in Bombay Route Book No. 107.) | 60 | 2 | 4 |
| 78 | 123 | BOALIA (RAMPUR-BAULEAH). | DINAJPUR | Manda and Mohadehpur | 103 | 0 | 10 |
| ib. | 123(a) | " | " | Farbatipur and Pramsagar | 100 | 0 | 11 |
| 79 | 124 | " | MALDA | Premtali Ghat, Godagari and Shibganj | 60 | 0 | 6 |
| ib. | 125 | " | NATOR | Jhalmalia | 27 | 4 | 3 |
| ib. | 126 | BOGRA | DINAJPUR | Khetlat and Hilli | 81 | 0 | 7 |
| 80 | 126(a) | " | " | Adamdighi and Mohadehpur | 100 | 0 | 9 |
| ib. | 127 | " | MALDA | Adamdighi and Nithpur | 91 | 6 | 8 |
| ib. | 128 | " | RANGPUR | Gobindganj | 68 | 6 | 6 |
| 81 | 129 | BURDWAN | BENHAMPORE | Katwa | 60 | 4 | 6 |
| ib. | 130 | " | JESSORE | Kalna and Bonaghat | 90 | 0 | 12 |
| 82 | 131 | " | KRISHNAGAR | Kalna and Santipur | 66 | 4 | 8 |
| ib. | 132 | " | MIDNAPORE | Hajipur | 71 | 0 | 7 |
| ib. | 133 | " | SOOREE | Bhedra and Sural | 54 | 0 | 6 |
| 83 | 134 | BUXAR | BENARES | Chausa and Sakaldiha | 61 | 4 | 7 |
| ib. | 135 | " | DEHRI | Bhojpur and Nawganj | 60 | 2 | 6 |
| 84 | 136 | " | SASARAM | Bhojpur and Nokha | 61 | 1 | 5 |
| C | | | | | | | |
| 85 | 137 | CACHAR or SILCHAR. | AIJAL (LUSHAI HILLS) | Jhainacherra, and thence by river to Sairang. | 133 | 0 | 8 |
| ib. | 137(a) | " | " | Kanglai and Rengti | 123 | 2 | 10 |
| 86 | 138 | " | ALINAGAR | Lola Bazar and Patharkandi | 99 | 0 | 10 |
| ib. | 139 | " | JOWAI | Gunjong and Hot Springs | 130 | 4 | 14 |
| 87 | 140 | " | MANIPUR | Jhri Ghat and the Lengba River | 124 | 0 | 10 |
| 88 | 141 | CAMPBELLPUR | EDWARDESADAD | Choi, Shah Mohammad Wala, Kalabagh and Laki. | 191 | 2 | 16 |
| ib. | 142 | " | KOHAT | Choi, Jand and Khusialgarh | 84 | 4 | 7 |
| 89 | 143 | " | SHAHNUR | Fatahjang, Talaganj and Jaba | 139 | 5 | 13 |
| ib. | 144 | CANNUPUR | BANDA | Hamirpur | 77 | 2 | 6 |
| 90 | 144(a) | " | " | Aung and Chhillata | 78 | 0 | 6 |
| ib. | 144(b) | " | " | Kalpi and Jalalpur | 117 | 3 | 11 |
| ib. | 144(c) | " | " | Kalpi and Hamirpur | 117 | 1 | 11 |
| 91 | 145 | " | CHARKHARI | Hamirpur and Mahoba | 107 | 4 | 9 |
| ib. | 146 | " | ETAWAH | Sikandra | 100 | 2 | 8 |
| 92 | 147 | " | FATEHGARH | The Grand Trunk Road and Jalalabad | 85 | 3 | 8 |
| ib. | 148 | " | HARDOI | Unao and Bangarman | 84 | 0 | 8 |
| ib. | 149 | " | JHANSI | Kalpi, Orsi and Panch | 139 | 1 | 16 |
| 93 | 150 | " | JUBBULTORE | Hamirpur, Mahoba and Damoh | 287 | 7 | 26 |
| 94 | 151 | " | LUCKNOW | Unao and Banthra | 48 | 8 | 4 |
| ib. | 152 | " | MORAR | Kalpi, Indurki and Amsin | 161 | 0 | 16 |
| 95 | 152(a) | " | " | Kalpi, Orsi, Kunch and Seoda | 161 | 8 | 15 |

| Page | Route No | From | To | Via | Distance | | Number of Mights |
|----------|----------|-------------|------------------------------------|--|----------|---------|------------------|
| | | | | | Miles | Parangs | |
| B—contd. | | | | | | | |
| 58 | 80(a) | BAREILLY | BUDAUN | Aoula | 35 | 4 | 4 |
| ib | 87 | " | FATEHGARH | Fatehganj and Jahalbad | 73 | 3 | 0 |
| 59 | 88 | " | MORADABAD | Mirganj | 57 | 3 | 6 |
| ib | 89 | " | NAINI TAL | Jaheri and Rambagh | 87 | 5 | 9 |
| ib | 90 | " | PITHORAGARH | Flubhit and Lohrbhat | 134 | 6 | 12 |
| 60 | 91 | " | RANIKHET | Jaheri, Rambagh and Ratighat | 115 | 7 | 12 |
| 61 | 91(a) | " | " | Kashipur and Ramnagar | 167 | 2 | 16 |
| ib | 92 | " | SHAHJAHANPUR | Fatehganj | 45 | 5 | 4 |
| 62 | 93 | BARHARWA | SAHEBGANJ | Barhit | 40 | 0 | 6 |
| ib | 94 | BARRACKPORE | JESSORE | Daraut | 71 | 3 | 7 |
| ib | 95 | BARUN | ARWAL | Parvatabad (Thence by canal route to Digha Ghat for Dinapore or Patna) | 89 | 0 | 3 |
| 63 | 96 | BASTI | DHEKAHRI, on the Nepal Frontier. | Bhaupur | 52 | 0 | 5 |
| ib | 97 | " | MAHADEWA, near the Nepal Frontier. | Bansi | 50 | 0 | 5 |
| ib | 98 | BENARES | AZANGARH | Deogon | 60 | 0 | 6 |
| 64 | 99 | " | BUKAR | The Grand Trunk Road and Chausa | 82 | 7 | 8 |
| ib | 100 | " | GHAZIPUR | Sayadpur | 45 | 0 | 4 |
| 65 | 101 | " | JAUNPUR | Bahatpur | 85 | 0 | 3 |
| ib | 102 | " | MUZAPUR | The Grand Trunk Road and Narghat | 44 | 0 | 4 |
| ib | 102(a) | " | " | Kachwa Ghat | 27 | 0 | 3 |
| ib | 102(b) | " | " | Sultanpur and Chunar | 39 | 7 | 4 |
| 66 | 103 | BERHAMPORE | ALATOLI | Digha Ghat | 26 | 0 | 2 |
| ib | 104 | " | AUGERDIP | Flessey | 36 | 0 | 3 |
| ib | 105 | " | BANKURA | Ilam Bazar and Sonamukhi | 178 | 0 | 11 |
| 67 | 106 | " | BHAGALPUR | Bati, Tinpahar and Colgong | 151 | 0 | 14 |
| 68 | 106(a) | " | " | Suti, Sahabganj and Colgong | 102 | 0 | 15 |
| ib | 107 | " | BOALIA (RAMPUR-BAULEAH) | Hari Rampur Ghat | 33 | 0 | 4 |
| 69 | 108 | " | DINAJPUR | Godaguri, Parbatipur and Pramsagar | 121 | 0 | 12 |
| ib | 108(a) | " | " | Godaguri, Parbatipur and Gangarampur | 198 | 0 | 12 |
| 70 | 109 | " | TARIPUR | Kustha and Kumarkhali | 120 | 6 | 12 |
| ib | 110 | " | MAJDA | Bibapur and Shibganj | 84 | 0 | 7 |
| 71 | 110(a) | " | " | Godaguri Ghat and Shibganj | 78 | 0 | 7 |
| ib | 111 | " | MIDNAPORE | Jamn Kandi, Sonamukhi and Bishnupur | 150 | 0 | 14 |
| ib | 112 | " | SOORDE | Jamn Kandi and Sainthia | 53 | 1 | 5 |
| 72 | 113 | BHAGALPUR | GAYA | Deogarh and Nawadah | 191 | 5 | 17 |
| 73 | 114 | " | HAZARIBAGH | Deogarh, Khargodha and Barhi | 181 | 6 | 16 |
| ib | 114(a) | " | " | Deogarh, Khargodha and Bagodai | 195 | 4 | 17 |
| 74 | 115 | " | JANGIPUR | Colgong, Mahachpur and Murari | 118 | 0 | 11 |
| 75 | 116 | " | MAJDA | Colgong, Rajmalai and Nongaria | 96 | 0 | 8 |
| ib | 117 | " | MONGHYR | Afzalganj | 85 | 0 | 8 |
| ib | 118 | " | PURNEA | Colgong and Karagola Ghat | 67 | 2 | 7 |
| 76 | 118(a) | " | " | Parbatta and Sown Ghat | 50 | 0 | 5 |
| ib | 119 | " | RANIGANJ | Deogarh and Jantara | 187 | 0 | 12 |

| Page. | Date. | Loc. | To. | Via. | Miles. | | | |
|-------|--------|-------------------------|----------------------|---|--------|-----|--------|--|
| | | | | | From. | To. | Total. | |
| | | | B—concl. | | | | | |
| 76 | 123 | DHAGALPUR | SOOREE | East and Damba | 119 | 0 | 12 | |
| 77 | 121 | DIJNOR | SRINAGAR, in Garhwal | Najibabad | 91 | 1 | 9 | |
| 78 | 122 | DIKANER | BAHAWALPUR | In Bahawalpur territory only—(First portion of route in Bunluy Route Book No. 167.) | 62 | 2 | 4 | |
| 78 | 123 | BOALIA (RAMPUR-BAULEAH) | DINAJPUR | Manda and Mohalepur | 103 | 0 | 10 | |
| 79 | 123(a) | " | " | Tarhatipur and Prantagar | 100 | 0 | 11 | |
| 79 | 124 | " | MALDA | Premlal Ghat, Gadagari and Shibganj | 66 | 0 | 6 | |
| 79 | 125 | " | NATOR | Jhalmalla | 27 | 4 | 2 | |
| 79 | 126 | BOGRA | DINAJPUR | Khetlal and HBB | 81 | 0 | 7 | |
| 80 | 126(a) | " | " | Adamdighi and Mohalepur | 100 | 0 | 9 | |
| 80 | 127 | " | MALDA | Adamdighi and Nithpur | 91 | 0 | 8 | |
| 80 | 128 | " | RANGPUR | Gobindganj | 69 | 6 | 6 | |
| 81 | 129 | BURDWAN | BERHAMPORE | Katwa | 62 | 4 | 6 | |
| 81 | 130 | " | JESSORE | Kalna and Ranaghat | 90 | 0 | 12 | |
| 82 | 131 | " | KRISHNAGAR | Kalna and Santipur | 55 | 4 | 8 | |
| 82 | 132 | " | MIDNAPORE | Hajipur | 71 | 0 | 7 | |
| 82 | 133 | " | SOOREE | Rhodia and Surul | 54 | 0 | 6 | |
| 83 | 134 | BUXAR | BENARES | Chausa and Sakaldihia | 64 | 4 | 7 | |
| 83 | 135 | " | DEHRI | Bhojpur and Naviganj | 66 | 2 | 5 | |
| 84 | 136 | " | SASARAM | Bhojpur and Nekba | 64 | 1 | 5 | |
| | | | C | | | | | |
| 85 | 137 | CACHAR or SILCHAR. | AIJAL (LUSHAI HILLS) | Jhalacherra, and thence by river to Sairang. | 133 | 0 | 8 | |
| 85 | 137(a) | " | " (") | Kanglat and Rengti | 123 | 2 | 10 | |
| 86 | 138 | " | ALINAGAR | Lala Bazar and Patharkandi | 90 | 0 | 10 | |
| 86 | 139 | " | JOWAI | Gunjong and Hot Springs | 126 | 4 | 14 | |
| 87 | 140 | " | MANIPUR | Jhri Ghat and the Lengha River | 124 | 0 | 10 | |
| 88 | 141 | CAMPBELLPUR | EDWARDESABAD | Chol, Shah Muhammad Wala, Kalabigh and Laki. | 101 | 2 | 16 | |
| 88 | 142 | " | KOHAT | Chol, Jand and Khuchalgarh | 84 | 4 | 7 | |
| 89 | 143 | " | SHAHPUR | Fatabjang, Talagang and Jaba | 139 | 5 | 13 | |
| 89 | 144 | CANNING | BANDA | Hamirpur | 77 | 2 | 6 | |
| 89 | 144(a) | " | " | Aung and Chulitara | 78 | 0 | 6 | |
| 89 | 144(b) | " | " | Kalpi and Jalalpur | 117 | 3 | 11 | |
| 89 | 144(c) | " | " | Kalpi and Hamirpur | 117 | 1 | 11 | |
| 90 | 145 | " | CHAKKHARI | Hamirpur and Mahoba | 107 | 4 | 9 | |
| 90 | 146 | " | ETAWAH | Sikandra | 103 | 2 | 8 | |
| 91 | 147 | " | FATEHGARH | The Grand Trunk Road and Ja'alabad | 85 | 3 | 8 | |
| 91 | 148 | " | HARDOI | Unao and Bangarmanu | 84 | 0 | 8 | |
| 91 | 149 | " | JHANSI | Kalpi, Orsi and Panch | 129 | 1 | 15 | |
| 92 | 150 | " | JHANSI | Hamirpur, Mahoba and Damoh | 207 | 7 | 22 | |
| 93 | 151 | " | LUCKNOW | Unao and Banthra | 48 | 6 | 4 | |
| 93 | 152 | " | MORAR | Kalpi, Indurki and Amain | 161 | 0 | 15 | |
| 93 | 152(a) | " | " | Kalpi, Orsi, Kunch and Seena | 161 | 2 | 15 | |

| Page. | Route No | From | To | Via | Distances. | | Number of Stages. |
|----------|----------|---------------------|--|---|------------|----------|-------------------|
| | | | | | Miles | Fathoms. | |
| C—contd. | | | | | | | |
| 96 | 153 | CAWNGPOE | RAE-BARELI | Bighapur and Saton | 64 | 0 | 5 |
| ib. | 153(a) | " | " | Purwa and Saton | 67 | 2 | 7 |
| ib. | 154 | " | SITAPUR | Mianganj and Sandila | 98 | 2 | 10 |
| 97 | 154(a) | " | " | Unao, Bangarman and Sandila | 107 | 0 | 11 |
| ib. | 155 | CHAIKASSA | SAMBALPUR | As far as Jhalpara. (Remainder in Bombay Route Book No. 280) | 105 | 2 | 13 |
| 98 | 155(a) | " | " | As far as Balipal. (Remainder in Bombay Route Book No. 280(1).) | 114 | 0 | 12 |
| 99 | 156 | CHAPRA | DINAPORE | Palca Ghat | 33 | 0 | 4 |
| ib. | 157 | " | MUZAFFARPUR | Dakra | 40 | 2 | 5 |
| ib. | 158 | CHITTAGONG | AKYAB | By road and river | 232 | 4 | 12 |
| 100 | 159 | " | LAMA | Chandergona and Buma | 106 | 0 | 7 |
| 101 | 160 | " | SIRTHAY TLANG | Hathavari and Rangumati | 98 | 0 | 8 |
| ib. | 161 | COMILLA | AGARTALA, in Hill Tracts. | Nayanpur | 31 | 0 | 4 |
| ib. | 162 | " | NOAKHALI | Bogumganj | 47 | 0 | 5 |
| 102 | 162(a) | " | " | Peni | 61 | 0 | 6 |
| ib. | 163 | COOCH-BEHAR | BAKSA-DUAR (BAXA) | Alipur | 38 | 4 | 4 |
| ib. | 164 | " | GAUHATI | Agamni and the Assam Trunk Road | 170 | 0 | 16 |
| 103 | 165 | " | GOALPARA | Ruphi (Khangbari) and the Assam Trunk Road. | 97 | 0 | 10 |
| ib. | 165(a) | " | " | Fulkumar and the Assam Trunk Road | 107 | 2 | 11 |
| 104 | 166 | " | JUMM DUAR and SUN-KERMUKH (DHUTAN FRONTIER). | Rhala-Kuchi | 55 59 | 0 | 7 |
| D | | | | | | | |
| 105 | 167 | DACCA | BOGRA | Gostundo, Siraganj and Shergar | 130 | 4 | 10 |
| ib. | 168 | " | COMILLA | Daudkandi | 62 | 0 | 6 |
| 106 | 169 | " | GOALUNDO | Shivulaya (Shilo) | 61 | 0 | 6 |
| ib. | 170 | " | MYMENSINGH | Gafargan | 95 | 0 | 10 |
| ib. | 171 | " | SYLHET | Hariaber, Tajpur and Lalabazar | 148 | 0 | 16 |
| 107 | 172 | DAGSHAI | SUBATHU | " | 12 | 4 | 1 |
| ib. | 173 | DALHOUSIE | BAKLOH | Buleya | 16 | 6 | 2 |
| 108 | 174 | " | CHAMBA | Kojhar | 17 | 4 | 2 |
| ib. | 174(a) | " | " | Chel | 21 | 0 | 2 |
| ib. | 175 | " | DHARMSALA | Dunera and Nurpur | 73 | 1 | 6 |
| ib. | 175(a) | " | " | Chachari and Nurpur | 70 | 0 | 5 |
| 109 | 176 | DALTONGANJ (BIRRA). | MIRZAPUR | Garhwa, Dudhi and Rajgarh | 146 | 2 | 15 |
| 110 | 177 | DARBHANGA | BIRPUR, on the Nepal Frontier. | The North Emigration Road and Parlatganj | 93 | 5 | 10 |
| ib. | 178 | " | KANAUJI BAZAR, on the Nepal Frontier. | Sepaul | 76 | 4 | 8 |
| 111 | 179 | " | LAKHA, on the Nepal Frontier. | Madhubani | 54 | 0 | 6 |
| ib. | 180 | " | LUDHIANA, on the Nepal Frontier. | Khojoli | 45 | 4 | 4 |
| ib. | 181 | " | NEPAL (KATMANDU). | Jaynagar and Janakpur | 171 | 0 | 15 |

| Page. | Route No. | From | To | Via | Distance. | | Number of Stages. |
|----------|-----------|----------------------|---------------------------------------|---|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| D—contd. | | | | | | | |
| 112 | 183 | DARBHANGA | PURNEA | Supaul and Natpur | 145 | 8 | 14 |
| 113 | 183(a) | " | " | The South Emigration Road | 110 | 0 | 11 |
| ib. | 183 | DARJEELING | CHIABHANJAN, on the Nepal Frontier | Sukhia Pokhri | 53 | 6 | 5 |
| 114 | 184 | " | PANIGHATA, on the Nepal Frontier. | Mirik | 37 | 4 | 8 |
| ib. | 185 | " | RHENOOK, on the Sikkim Frontier. | Rangpet | 38 | 0 | 5 |
| ib. | 185(a) | " | " | Peshok | 40 | 0 | 4 |
| ib. | 186 | DEHRI | ROHTAS (ROTASGARH) | Tilathu | 27 | 0 | 4 |
| 115 | 187 | DELHI | AGRA | The Agra Canal | 123 | 0 | 14 |
| ib. | 188 | " | ALWAR | As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268.) | 74 | 4 | 6 |
| 116 | 188(a) | " | " | As far as Kot-Kasim. (Remainder in Bombay Route Book No. 268(1).) | 64 | 3 | 5 |
| ib. | 188(b) | " | " | As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268(2).) | 73 | 1 | 7 |
| 117 | 188(c) | " | " | As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 268(3).) | 90 | 5 | 8 |
| ib. | 188(d) | " | " | As far as Bahora. (Remainder in Bombay Route Book No. 268(4).) | 43 | 0 | 4 |
| ib. | 189 | " | BIKANER | As far as Singhana. (Remainder in Bombay Route Book No. 193.) | 99 | 6 | 8 |
| 118 | 189(a) | " | " | As far as Basl. (Remainder in Bombay Route Book No. 193(1).) | 91 | 6 | 8 |
| ib. | 190 | " | BULANDSHAHR | The Grand Trunk Road | 49 | 3 | 4 |
| ib. | 190(a) | " | " | Mujawli | 51 | 7 | 4 |
| 119 | 190(b) | " | " | Chaina | 63 | 7 | 5 |
| ib. | 191 | " | HISSAR | Rohtak and Hansi | 104 | 0 | 9 |
| ib. | 192 | " | MEERUT | Begamabad | 46 | 0 | 3 |
| 120 | 192(a) | " | " | Bagpat and the Hindan River | 53 | 3 | 4 |
| ib. | 193 | " | MHOW, NASIRABAD or NEEMUCH | As far as Shahjahanpur. (Remainder of these routes in Bombay Route Book Nos. 224, 226 and 237, respectively.) | 68 | 0 | 5 |
| ib. | 194 | " | MORADABAD | Pilkhuwa and Garhmaktesar | 103 | 6 | 8 |
| 121 | 195 | " | SAHALANPUR | Bagpat and Shamli | 102 | 4 | 8 |
| ib. | 196 | DERA-GHAZI KHAN. | LORALAI | As far as Kharr (Fort Munro). (Remainder in Bombay Route Book No. 219.) | 58 | 0 | 5 |
| ib. | 197 | " | RAJANPUR | Fazilpur | 72 | 0 | 5 |
| 122 | 197(a) | " | " | Hajipur | 78 | 0 | 5 |
| ib. | 197(b) | " | " | The Frontier Road | 88 | 0 | 8 |
| 123 | 198 | DERA ISMAIL KHAN. | DARABAN | Kulachi | 44 | 0 | 4 |
| ib. | 199 | " | DERA GHAZI KHAN | Blakkar, Karor, Lelah and Daeradin—Pannab | 136 | 6 | 14 |
| 124 | 199(a) | " | " | The District Road | 127 | 0 | 13 |
| ib. | 199(b) | " | " | The Frontier Road | 160 | 2 | 14 |
| 125 | 200 | " | FORT SANDEMAN | As far as Jatta. (Remainder in Bombay Route Book No. 208.) | 57 | 0 | 4 |
| ib. | 201 | " | WANO | The Gomol Pass | 116 | 4 | 8 |
| 126 | 201(a) | " | " | The Shahr and Khalsara Valleys | 110 | 4 | 10 |
| 127 | 201(b) | " | " | Sarwaki | 107 | 0 | 9 |

| Page | Route No. | From | To | Via | Distances | | |
|------------|-----------|-------------------|-------------------------------------|---|-----------|-----------|------------------|
| | | | | | Miles. | Furlongs. | Number of Miles. |
| D—concl'd. | | | | | | | |
| 127 | 202 | DERBAND (HAZARA). | OGHI, in the Agror Valley | Nika Pami | 21 | 0 | 21 |
| 128 | 203 | DHARMSALA | SRINAGAR | Chamba, Bhadarwa and Kishtwar | 267 | 6 | 128 |
| 129 | 204 | DHUBRI | GOALPARA | Bagribari and Chapar | 78 | 4 | 6 |
| ib. | 205 | " | SADIYA | The Assam Trunk Road | 254 | 2 | 45 |
| 131 | 206 | " | TEZPUR | Chapar, Baha and Mangaldai | 228 | 4 | 16 |
| 132 | 207 | DIBRUGARH | JEYPORE (ASSAM) | Tengakhat | 30 | 2 | 17 |
| ib. | 208 | " | KOHIMA | Sibsagar, Jorhat, Golaghat and Dimaapur | 209 | 4 | 20 |
| 133 | 209 | " | TEZPUR | Lakhimpur | 170 | 0 | 11 |
| ib. | 210 | DINAJPUR | CHURAMAN | Kaliaganj | 42 | 0 | 4 |
| 134 | 211 | " | PURNEA | Raiganj | 73 | 0 | 7 |
| ib. | 211(a) | " | " | Nekmard and Kishanganj | 99 | 0 | 9 |
| ib. | 212 | " | RANGPUR | Badarganj | 41 | 3 | 4 |
| 135 | 213 | DINAPORE | ABRAH | Koilwar | 29 | 0 | 3 |
| ib. | 214 | " | BHAGALPUR | Barh, Surajgarh and Aizulganj | 145 | 4 | 13 |
| 136 | 215 | " | DEHRI | Ukhgaon and Nariganj | 88 | 4 | 8 |
| ib. | 216 | " | DARBHANGA | Hajipur | 68 | 0 | 5 |
| ib. | 217 | " | GAYA | Fatua and Lalampur | 78 | 0 | 6 |
| 137 | 217(a) | " | " | Bakhtapur, Bihar and Nawadah | 118 | 0 | 11 |
| ib. | 218 | " | MONGHYR | Barh and Surajgarh | 112 | 4 | 10 |
| ib. | 219 | " | MUZAFFARPUR | Hajipur | 43 | 0 | 4 |
| 138 | 220 | " | SEGOWLIE | Kalianpur | 103 | 4 | 9 |
| ib. | 221 | " | UMGAON, on the Nepal Frontier. | Chak Mehat and Kamtau | 104 | 4 | 8 |
| 139 | 222 | DORANDA | CHALBASSA | Bandgaon and Chakradharpur | 51 | 0 | 9 |
| ib. | 222(a) | " | " | Kharawan | 76 | 0 | 9 |
| 140 | 223 | " | DALTONGANJ (BIJRA) | Satbarwa | 100 | 0 | 10 |
| ib. | 224 | " | GOBINDPUR, on the Grand Trunk Road. | Gola and Maranari | 91 | 0 | 8 |
| 141 | 225 | " | NAGPUR | As far as Dargoon. (Remainder in Bombay Route Book No. 233.) | 105 | 0 | 17 |
| ib. | 230 | " | PURULLA | Sila and Jaypur | 75 | 0 | 6 |
| 142 | 227 | " | SAMBALPUR | As far as Jhalbarn. (Remainder in Bombay Route Book No. 262.) | 103 | 0 | 12 |
| 143 | 228 | DUMKA | BAIDYANATH RAILWAY STATION. | Jarmundi | 45 | 0 | 4 |
| ib. | 229 | " | GODDA | Ramgarh | 47 | 0 | 5 |
| ib. | 230 | " | JANGIPUR | Muralai Railway Station | 67 | 0 | 7 |
| 144 | 231 | " | PIRPAINTI | Hasidha and Godda | 85 | 4 | 10 |
| E | | | | | | | |
| 145 | 232 | EDWARDESABAD | DATTA KHEL | Miranshah | 54 | 0 | 6 |
| ib. | 233 | " | DERA GHAZI KHAN | The Frontier Road | 234 | 5 | 21 |
| 146 | 231 | " | DERA ISMAIL KHAN | The Pezu Pass and the District Road | 89 | 4 | 8 |
| 147 | 234(a) | " | " | The Pezu Pass and Pannala | 95 | 0 | 6 |
| ib. | 234(b) | " | " | The Frontier Road | 111 | 3 | 9 |
| ib. | 234(c) | " | " | Lahli and the Lurgi Valley | 91 | 0 | 6 |

| Page. | Route No. | From | To | Via | Distance. | | Number of Stages. |
|----------|-----------|--------------|-----------------------------|--|-----------|-----------|-------------------|
| | | | | | Miles. | Forlongs. | |
| E—contd. | | | | | | | |
| 148 | 235 | EDWARDESABAD | RAJANPUR | The Frontier Road | 318 | 3 | 28 |
| 149 | 236 | " | TANK | Pezu | 75 | 0 | 6 |
| ib. | 237 | ETAH | BUDAUN | Kasganj and Kachla Ghat | 58 | 6 | 6 |
| ib. | 237(a) | " | " | Patiall and Kakrola | 54 | 1 | 5 |
| 150 | 238 | " | MAINPURI | Kurnali | 35 | 0 | 3 |
| ib. | 239 | " | MUTTRA | Hathras | 67 | 6 | 5 |
| ib. | 240 | " | SHIKOHABAD RAILWAY STATION. | Jasrana | 36 | 2 | 3 |
| 151 | 241 | ETAWAH | MANDRAEL | Mehgaon, Jigni and Sabalgarh | 137 | 2 | 12 |
| F | | | | | | | |
| 152 | 242 | FARIDPUR | CHUADANGA RAILWAY STATION. | Chandpur and Jhenidah | 78 | 4 | 9 |
| ib. | 243 | " | DACCA | Rohitpur | 49 | 0 | 5 |
| ib. | 244 | " | GOALUNDO | ..... | 18 | 0 | 1 |
| 153 | 245 | FATEHGARH | ALIGARH | Aliganj, Etah and the Grand Trunk Road | 100 | 0 | 9 |
| ib. | 245(a) | " | " | Aliganj, Kasganj and Gangitri | 111 | 4 | 9 |
| 154 | 245(b) | " | " | Aliganj and Sahawar | 110 | 4 | 8 |
| ib. | 245(c) | " | " | Kasganj, Patiall, Kasganj and Gangitri | 108 | 2 | 10 |
| ib. | 246 | " | BUDAUN | Kakrola | 60 | 2 | 6 |
| 155 | 247 | " | ETAWAH | Dewar | 63 | 4 | 5 |
| ib. | 248 | " | HARDOI | Sandi | 38 | 0 | 3 |
| 156 | 249 | " | SHAHJAHANPUR | Jalalabad | 46 | 1 | 4 |
| ib. | 250 | " | SITAPUR | Shahabad | 38 | 4 | 8 |
| ib. | 251 | FATEHPUR | FYZABAD | Lalganj and Haldargarh | 118 | 6 | 11 |
| 157 | 252 | " | PARTABGARH | Dalman Ghat and Salan | 81 | 6 | 7 |
| 158 | 252(a) | " | " | Getni Ghat and Lalganj | 89 | 4 | 8 |
| ib. | 252(b) | " | " | Getni Ghat and Bihar | 85 | 6 | 8 |
| ib. | 253 | " | BAE-BARELI | Dalman Ghat | 36 | 0 | 4 |
| 159 | 253(a) | " | " | Bithura Ghat | 39 | 0 | 4 |
| ib. | 254 | FEROZEPORE | BAHAWALPUR | Fazilka and Khairpur | 211 | 2 | 17 |
| 160 | 255 | " | BIKANER | As far as Usman Khara. (Remainder in Bombay Route Book No. 130.) | 79 | 0 | 6 |
| ib. | 256 | " | HISSAR | Bhadhaer, Sunam and Barwala | 168 | 0 | 15 |
| 161 | 256(a) | " | " | Bhadhaer, Sunam, Jhind and Hansi | 169 | 3 | 18 |
| 162 | 257 | " | MONTGOMERY | Atari, Shergarh and Satghara | 124 | 5 | 10 |
| ib. | 258 | " | MOOLTAN | Chunian, Satghara and Harappa | 219 | 2 | 18 |
| 163 | 258(a) | " | " | Fazilka, Pakpattan and Harappa | 232 | 2 | 19 |
| 164 | 258(b) | " | " | Fazilka, Pakpattan and Jamlala | 227 | 4 | 17 |
| 165 | 258(c) | " | " | Atari and Pakpattan | 229 | 5 | 17 |
| ib. | 259 | " | RAEWIND RAILWAY STATION. | Kasur | 35 | 7 | 4 |
| ib. | 260 | " | ROHTAK | Bhadhaer, Sunam and Jhind | 104 | 3 | 18 |
| 166 | 261 | " | SIRSA | Muktsar and Mahant | 108 | 6 | 10 |
| 167 | 261(a) | " | " | Faridkot and Bathinda | 103 | 2 | 10 |

| Page. | Route No. | From | To | Via | Distance | | Notes of Stage |
|----------|-----------|--------------|---------------------------------------|---|----------|----------|-------------------|
| | | | | | Miles. | Fathoms. | |
| F—contd. | | | | | | | |
| 167 | 262 | FORT WILLIAM | BANKURA | Burdwan, Sonmukhi and Balialet | 131 | 5 | 12 |
| 168 | 262(a) | " | " | Jahanabad and Bishnupur | 104 | 0 | 11 |
| ib. | 263 | " | JESSORE | Dum-Dum and Barasat | 77 | 0 | 6 |
| 169 | 264 | " | KRISHNANAGAR | Dum-Dum, Barasat and Ranaghat | 65 | 0 | 5 |
| ib. | 265 | " | MIDNAPORE | Ragnan and Panchkura | 68 | 5 | 7 |
| 170 | 266 | " | PESHAWAR | The Grand Trunk Road | 1,494 | 0 | 123 |
| 176 | 267 | " | SOOREE | Burdwan and Surul | 123 | 6 | 12 |
| ib. | 268 | FYZABAD | AZAMGARH | Akbarpur and Atraulia | 86 | 4 | 8 |
| 177 | 268(a) | " | " | Akbarpur and Phulpur | 100 | 4 | 9 |
| ib. | 269 | " | BAHRAICH | Colonelganj | 75 | 0 | 7 |
| 178 | 270 | " | GONDAH | Wazirganj | 80 | 4 | 4 |
| ib. | 271 | " | GORAKHPUR | Basti | 82 | 2 | 8 |
| ib. | 272 | " | JAUNPUR | Akbarpur and Shabganj | 85 | 4 | 8 |
| 179 | 273 | " | KHAGA RAILWAY STATION. | Jagdispur and Salom | 105 | 0 | 16 |
| ib. | 274 | " | RAE-BARELI | Mohanganj | 71 | 0 | 7 |
| 180 | 275 | " | TULSIPIUR | Utraula | 69 | 4 | 7 |
| G | | | | | | | |
| 181 | 276 | GAUHATI | AMRATOL, in Bhutan | Maugaldal and Udalguri | 78 | 0 | 7 |
| ib. | 277 | " | DEOCHANG | Mangaldal and Singtiharhat | 77 | 0 | 6 |
| ib. | 278 | " | DIWANGIRI, on the Bhutan Frontier. | Daranga | 61 | 0 | 5 |
| 182 | 279 | " | GOALPARA | The Assam Trunk Road | 90 | 0 | 8 |
| ib. | 280 | " | SUBANKATTA | Daranga | 69 | 0 | 6 |
| ib. | 281 | GAYA | BIHAR | Ekangar-Sarai | 66 | 6 | 5 |
| 183 | 282 | " | SHERGHATI | Mathlani | 25 | 0 | 2 |
| ib. | 282(a) | " | " | Chirkil | 20 | 0 | 2 |
| ib. | 283 | GHAZIPUR | CHAPRA | Belli | 60 | 6 | 8 |
| 184 | 284 | " | GORAKHPUR | Deoril Ghat | 86 | 0 | 8 |
| ib. | 285 | " | ZAMANIA | ..... | 12 | 0 | 1 |
| ib. | 286 | GOLAGHAT | JEYPORE (ASSAM) | Morian and Saffry | 113 | 2 | 11 |
| 185 | 287 | " | NEGHERITING (SHIKARIGHAT.) | Dergaon | 18 | 0 | 2 |
| ib. | 288 | GONDAH | BAHRAICH | Flaggpur | 40 | 4 | 4 |
| 186 | 289 | " | GORAKHPUR | Basti | 106 | 0 | 11 |
| ib. | 290 | " | RUDAULI | Beganganj | 28 | 4 | 3 |
| ib. | 291 | " | TULSIPIUR | Bolrampur | 45 | 0 | 5 |
| 187 | 291(a) | " | " | Utraula | 47 | 4 | 6 |
| ib. | 292 | GOONA | NASIRABAD | As far as Kotah. (Remainder in Bombay Route Book No. 240.) | 111 | 4 | 10 |
| 188 | 293 | " | NEEMUCH | As far as Tehla. (Remainder in Bombay Route Book No. 239.) | 123 | 0 | 12 |
| ib. | 294 | GORAKHPUR | CHAPRA | Gantibazar, Salempur and Manjhi | 116 | 0 | 11 |
| 189 | 294(a) | " | " | Kasia and Siwan | 124 | 7 | 12 |
| 190 | 295 | " | MUZAFFARPUR | Kasia, Siwan and Basantpur | 155 | 2 | 15 |

| Page. | Route No. | From | To | Via | Distance. | | Number of Stages. |
|----------|-----------|------------|------------------------------|--|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| G—contd. | | | | | | | |
| 100 | 286 | GORAKHPUR | SEGOWLIE | Kasia and Pipra Ghat | 93 | 0 | 9 |
| 101 | 286(a) | " | " | Padrauna and Bagaha | 108 | 4 | 11 |
| ib. | 287 | " | SULTANPUR | Tanda and Atbarpur | 96 | 0 | 9 |
| 102 | 288 | GUJRANWALA | EDWARDESABAD | Ramnagar, Miani, Talsang and Kalabagh | 278 | 2 | 25 |
| ib. | 289 | " | JHANG | Jalalpur, Pindi-Bhatian and Chiniot | 137 | 0 | 11 |
| 103 | 300 | " | MONTGOMERY | Shekhupura, Sayadwala and Gugera | 129 | 0 | 11 |
| 104 | 301 | GUJRAT | " | Ramnagar, Hafizabad and Gugera | 160 | 0 | 15 |
| ib. | 302 | " | SHARFUR | Mang and Miani | 99 | 2 | 9 |
| 105 | 303 | " | SEINAGAR | Bimbar and the Pir Panjal Pass | 176 | 4 | 15 |
| 106 | 303(a) | " | " | Rajauri, Punch, the Haji Pir Pass and Haranah. | 225 | 1 | 18 |
| 107 | 304 | GURDASPUR | BARLOH | Pathankot | 64 | 4 | 6 |
| 108 | 305 | " | CHAMBA | Pathankot and Sindhara | 79 | 6 | 7 |
| ib. | 306 | " | DALHOUSIE | Dunera | 77 | 4 | 7 |
| ib. | 307 | " | DHANUSALA | Pathankot and Nurpur | 77 | 2 | 6 |
| 109 | 308 | " | SIALKOT | Trimma Ghat and Zafarwal | 65 | 0 | 7 |
| ib. | 309 | " | SEINAGAR | Madhopur, Basoli and Kishtwar | 270 | 0 | 19 |
| 200 | 310 | GURGAON | HISSAR | Jhajjar, Mahan and Hansi | 103 | 0 | 9 |
| ib. | 311 | " | KOHTAK | Najafgarh | 42 | 6 | 4 |
| ib. | 312 | GUTHNI | BEWAH GHAT (for MuzaFarpur.) | Malharak | 87 | 4 | 2 |
| H | | | | | | | |
| 202 | 313 | HANERPUR | JHANSI | Rath, Man and Darwa-Sagar | 132 | 7 | 11 |
| ib. | 313(a) | " | " | Rath and Kadiapur | 130 | 1 | 12 |
| 203 | 314 | HARDWAR | RAMNAGAR | Kakarath | 81 | 0 | 10 |
| ib. | 315 | HAZARENAGH | BANKURA | Chas and Baghnathpur | 135 | 0 | 12 |
| 204 | 316 | " | CHUNAR | The Grand Trunk Road and Meghalakani | 204 | 6 | 18 |
| 205 | 317 | " | DALTONGANJ (BIRSA) | Leuliganj | 93 | 4 | 8 |
| ib. | 318 | " | DORANDA | Ramgarh | 56 | 0 | 4 |
| ib. | 319 | " | GAYA | Barchi and Mathlani | 78 | 0 | 7 |
| 206 | 319(a) | " | " | Chitra, Clerparan and Mathlani | 116 | 0 | 9 |
| ib. | 320 | " | PURULIA | Ramgarh and Shi | 95 | 4 | 9 |
| 207 | 321 | " | RANIGANJ | Bagodar and the Grand Trunk Road | 121 | 6 | 12 |
| ib. | 321(a) | " | " | Chas, Baghnathpur and Dinkiya | 131 | 0 | 11 |
| 208 | 322 | " | SINERGHATI | Chatra and Bunterganj | 71 | 0 | 6 |
| ib. | 323 | " | SOORIE | Bhelwara, the Grand Trunk Road and Debranjpur. | 161 | 6 | 14 |
| 209 | 324 | HISSAR | BIKANER | As far as Bhal. (Remainder in Bombay Route Book No. 209.) | 41 | 0 | 4 |
| ib. | 324(a) | " | " | As far as Balamand. (Remainder in Bombay Route Book No. 230(1).) | 16 | 0 | 1 |
| ib. | 325 | " | NASIRABAD | As far as Jind. (Remainder in Bombay Route Book No. 238.) | 102 | 4 | 11 |
| 210 | 326 | " | NEEMUCH | As far as Thanwa. (Remainder in Bombay Route Book No. 240.) | 105 | 4 | 11 |
| ib. | 327 | " | SIRSA | Patalabul | 53 | 4 | 5 |

| Page | Route No. | From | To | Via | Distance | | Number of Stages |
|----------|-----------|--------------------|------------------------------------|--|----------|-----------|------------------|
| | | | | | Miles. | Furlongs. | |
| H—contd. | | | | | | | |
| 211 | 323 | HOSHIAIPUR | DALHOUSIE | Dasuya and Pathankot | 111 | 0 | 21 |
| ib. | 329 | " | DHARMABALA | Gopipur Deroh, Banital and Kangra | 70 | 6 | 7 |
| 212 | 320(a) | " | " | Nadeun and Jawalamukhi | 68 | 2 | 9 |
| ib. | 330 | " | GURDASPUR | Mukerian and Nowshera Ghat | 48 | 4 | 8 |
| 213 | 331 | " | SIMLA | Rupar, Kalka and the Tonga Road | 156 | 0 | 14 |
| 214 | 331(a) | " | " | Rupar, Badli and the Old Road | 115 | 0 | 11 |
| J | | | | | | | |
| 216 | 333 | JAISALMER | BAHAWALPUR | In Bahawalpur territory only.—(First portion of route in Bombay Route Book No. 213.) | 173 | 4 | 9 |
| ib. | 333 | JALPAIGURI | BAKSA-DUAR (BAXA) | Maynaguri, Falakata and Alipur | 76 | 4 | 8 |
| 216 | 333(a) | " | " | Patgram and Alipur | 86 | 4 | 10 |
| ib. | 334 | " | BOLA DUAR, on the Bhutan Frontier. | Maynaguri and Falakata | 50 | 4 | 6 |
| ib. | 335 | " | COOCH-BEHAR | Patgram and Akmarhat | 54 | 4 | 6 |
| 217 | 335(a) | " | " | Patgram and Khutimari | 55 | 2 | 6 |
| ib. | 336 | " | DARJEELING | Titalyah and Kurseong | 81 | 6 | 10 |
| 218 | 336(a) | " | " | Daling Fort | 93 | 0 | 8 |
| ib. | 337 | " | DHUDRI | Haldibari and Peglarhat | 146 | 0 | 13 |
| 219 | 338 | " | DINAJPUR | Titalyah and Thakurgaon | 98 | 2 | 9 |
| ib. | 338(a) | " | " | Deblganj | 71 | 4 | 8 |
| ib. | 339 | " | PURNEA | Titalyah and Kishanganj | 106 | 6 | 11 |
| 220 | 340 | " | RANGPUR | Tangamari | 76 | 0 | 6 |
| ib. | 341 | JAMTARA | MURARAI | Dumka and Amrapara | 95 | 0 | 11 |
| 221 | 342 | " | PAKUR | Dumka and Pakuria | 98 | 0 | 11 |
| ib. | 343 | JAUNPUR | AZAMGARH | Tekman | 89 | 0 | 4 |
| 222 | 344 | " | PARTABGARH | Sujanjanj | 50 | 0 | 5 |
| ib. | 345 | JEHANABAD RY. STN. | ARVAL | Nagla | 22 | 0 | 3 |
| ib. | 346 | JESSORE | CHAKDAHA RY. STN. | Gopalnagar | 49 | 0 | 6 |
| ib. | 347 | " | FARIDPUR | Muhammadpur | 60 | 8 | 8 |
| 223 | 348 | " | PABNA | Kunarakhali | 93 | 0 | 7 |
| ib. | 349 | JIHANG | CHIOHAWATNI RY. STN. | Toba Tek Sing | 92 | 0 | 5 |
| 224 | 350 | " | DERA ISMAIL KHAN. | Atharshazari, Mankera and Bhakker | 114 | 2 | 9 |
| ib. | 351 | " | SHAHPUR | Sahawal | 73 | 7 | 7 |
| 225 | 352 | JIHANSI | GOONA | Talbahat, Chandori and Shahdouna | 156 | 0 | 18 |
| ib. | 352(a) | " | " | Mysapur and Miana | 106 | 6 | 10 |
| 226 | 353 | " | NOWGONG | Mian | 64 | 2 | 7 |
| ib. | 354 | " | PHAPHUND RY. STN. | Panoh, Kunoh and Jalaun | 108 | 4 | 12 |
| 227 | 355 | " | SAUGOR | Talbahat, Lalitpur and Malitton | 121 | 0 | 13 |
| 229 | 355(a) | " | " | Tikamgarh and Sonrai | 134 | 0 | 13 |
| ib. | 356 | " | SIPRI | Karera | 81 | 0 | 6 |
| 229 | 356(a) | " | " | Karera and Narwar | 73 | 6 | 7 |
| ib. | 357 | JHELUM | DERA ISMAIL KHAN. | Pind-Dadan-Khan and Khushab | 192 | 4 | 17 |
| 230 | 358 | " | EDWARDESABAD | Chakwal, Talagang, Kalnagh and Laki | 238 | 6 | 20 |

| Page. | Route No. | From | To | Via | Distance. | | Number of Stages. |
|----------|-----------|------------|---------------------------|---|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| J—contd. | | | | | | | |
| 230 | 350 | JHELUM | KOHAT | Chakwal, Pindigheb, Jand and Khushalgarh. | 160 | 2 | 13 |
| 231 | 350(a) | " | " | Talagang, Pindigheb and Khushalgarh | 170 | 6 | 15 |
| ib. | 350(b) | " | " | Chakwal and Pindigheb | 206 | 2 | 16 |
| 232 | 360 | " | MONTGOMERY | Rainagar, Hafizabad and Gogera | 181 | 4 | 17 |
| ib. | 361 | " | SHAMPU | The left bank of the Jhelum | 93 | 2 | 9 |
| 233 | 361(a) | " | " | Jalalpur Kikna and Bhera | 89 | 0 | 10 |
| ib. | 362 | " | SRINAGAR | Chamuk, Ponch, the Haji Pir Pass, Uri and Baramulla. | 203 | 6 | 16 |
| 234 | 363 | JOWAI | NOWGONG (ASSAM) | Yenthymal and Kamrup | 111 | 1 | 8 |
| 235 | 364 | JURHULPORE | BANDA | Danoh, Hirapur, Chhatarpur and Malaha | 228 | 3 | 21 |
| ib. | 364(a) | " | " | Danoh, Hattia, Panna, Baram Ghat and Dograon. | 223 | 6 | 21 |
| 236 | 364(b) | " | " | Deheri, Panna, Baram Ghat, Dograon and Fargara. | 193 | 7 | 18 |
| 237 | 365 | " | HOSHANGABAD | Narsinghpur, Gularwara and Selagpur | 161 | 6 | 17 |
| 238 | 366 | " | NAGODE | The Great Deewan Road and Mallar | 125 | 4 | 13 |
| 239 | 367 | " | NAGPUR | As far as Sakri (Remainder in Bombay Route Book Nos. 234 or 234 (1).) | 20 | 0 | 2 |
| ib. | 368 | " | NOWGONG | Danoh, Hirapur and Chhatarpur | 174 | 2 | 16 |
| ib. | 369 | " | SAMIALPUR AND UMARAKANTAK | As far as Tikaria. (Remainder in Bombay Route Book Nos. 263 and 270, respectively.) | 23 | 7 | 3 |
| 240 | 369(a) | " | UMARAKANTAK | As far as Kirtan. (Remainder in Bombay Route Book No. 270 (1).) | 28 | 4 | 2 |
| ib. | 370 | JULLUNDER | FAKLOH | Batala, Garhwalpur and Pathankot | 130 | 0 | 12 |
| 241 | 371 | " | DALHOUSEIE | Darya and Pathankot | 124 | 2 | 11 |
| ib. | 372 | " | DHAHMISALA | Sham, Haripur and Banital | 100 | 5 | 11 |
| 242 | 373 | " | FEROZEH OHR | In this Ghat | 66 | 5 | 6 |
| ib. | 374 | " | GURDASTUR | Tanda and Byst Ferry | 68 | 0 | 5 |
| ib. | 375 | " | HOSHIAUPUR | Adampur | 24 | 0 | 2 |
| 243 | 376 | " | KAPURTHALA | ..... | 15 | 0 | 1 |
| ib. | 377 | " | RIALKOT | The Grand Trunk Road, Batala and Dharmtal. | 110 | 2 | 9 |
| ib. | 378 | " | SMILA | Derapur, Katta and the Old Road | 114 | 1 | 15 |
| 244 | 379 | " | SIRSA | Nakodar, Dharmkot and Bathinda | 132 | 0 | 14 |
| K | | | | | | | |
| 245 | 380 | KALMI | NOWGONG | Jalalpur, Bath and Harpalpur Railway Station. | 85 | 7 | 10 |
| ib. | 380(a) | " | " | Bath, Panwar and Kujahar | 65 | 2 | 11 |
| 246 | 381 | KARNAL | FEROZEPUR | Kalibah, Sunam and Bhadlaur | 181 | 4 | 16 |
| ib. | 381(a) | " | " | Goela and Jodda | 175 | 0 | 14 |
| 247 | 382 | " | HISSAR | Jhird and Hand | 68 | 6 | 7 |
| ib. | 383 | " | LUDDHIANA | Goela, Nabha and Maler-Kotla | 131 | 0 | 10 |
| 248 | 384 | " | MEEAN MEER | Goela, Jodda, Katala-Khan and Hariki | 218 | 4 | 20 |
| 249 | 385 | " | ROHTAK | Panipat and Gehana | 64 | 0 | 6 |
| ib. | 386 | " | SAHARANPUR | Gangoli | 49 | 0 | 4 |
| ib. | 387 | KASALI | DAGHAI | ..... | 11 | 0 | 1 |
| ib. | 388 | " | SUBATHU | ..... | 17 | 0 | 1 |

| Page. | Route No. | From | To | Pd | Distance | | Number of Stages |
|----------|-----------|--------------|--|--|----------|---------|------------------|
| | | | | | Miles | Fathoms | |
| K—contd. | | | | | | | |
| 250 | 889 | KHUSHAB . | SAKESAR | Uchali | 36 | 0 | 4 |
| 1b | 890 | KOHAT . | EDWARDESABAD . | Kurram | 78 | 0 | 6 |
| 1b. | 891 | " . | PARACHINAR . | Hangu and Thall | 116 | 7 | 10 |
| 251 | 892 | " . | SHINAWARI . | Hangu | 51 | 0 | 6 |
| 252 | 893 | KOHIMA . | GOLAGHAT . | Walla | 101 | 0 | 8 |
| 1b | 894 | " . | MANIPUR | Kairong | 87 | 0 | 8 |
| 253 | 895 | " . | MOKOKCHUNG . | Satuka | 113 | 4 | 10 |
| 1b | 896 | KRISHNAGAR . | BAGULA RY STN. . | ..... | 10 | 0 | 1 |
| 254 | 897 | " . | BERHAMPORE . | Debagram | 65 | 0 | 6 |
| 1b. | 898 | " . | BOALIA (RAMPUR- BAULEAH.) | Mehorpur and Jalangi | 81 | 4 | 8 |
| 255 | 899 | " . | JESSORE | Krishnaganj | 51 | 0 | 6 |
| 1b | 400 | " . | NADIA . . . . . | ..... | 8 | 0 | 1 |
| 1b | 401 | " . | SOOREE | Katwa | 76 | 0 | 8 |
| L | | | | | | | |
| 256 | 402 | LAKHIMPUR . | BAHRAICH | Katari Ghat | 60 | 2 | 7 |
| 1b | 403 | LALITPUR . | GOONA | Chanderi and Shahdara | 68 | 0 | 8 |
| 1b | 403(a) | " . | " | Dargah and Nyasari | 87 | 2 | 7 |
| 257 | 401 | " . | SIPRI | Chanderi, Dargah and Ranaud | 91 | 4 | 8 |
| 1b | 405 | " . | SIRONJ | Bahadarpur | 73 | 4 | 6 |
| 258 | 405(a) | " . | " | Piprai and Mughal-Sarai | 82 | 0 | 7 |
| 1b | 406 | LANDOUR . | CHAKRATA | Lakhwar | 39 | 4 | 4 |
| 259 | 407 | " . | DAGSHAI | Dohri-Dun and Rampur-Mandi | 98 | 0 | 13 |
| 1b | 408 | " . | GAUMUKHI (The source of the Ganges) | Bhairungati Bridge | 110 | 0 | 15 |
| 260 | 409 | " . | JUMNOTRI (The source of the Jamna) | The Chyna and Dimaar passes | 145 | 0 | 17 |
| 261 | 410 | " . | SIMLA | Dohri-Dun, Rampur-Mandi, Bilaspur, Kalka, and the New Road. | 183 | 7 | 18 |
| 262 | 411 | LUCKNOW . | BAHRAICH | Nawabganj and Bahramghat | 75 | 6 | 8 |
| 1b | 412 | " . | FATEHGARH . | Mahabod, Sandila and Sandi | 102 | 0 | 10 |
| 263 | 413 | " . | FATEHPUR . | Bithum Ghat | 77 | 6 | 6 |
| 1b. | 414 | " . | FYZABAD | Nawabganj | 81 | 6 | 7 |
| 1b | 415 | " . | GONDAH | Nawabganj, Bahramghat and Colonelganj | 73 | 0 | 8 |
| 264 | 416 | " . | HARDOI | Mahabod and Sandila | 69 | 4 | 7 |
| 1b. | 417 | " . | JAUNPUR | Haidargarh, and near Sultanpur | 140 | 3 | 13 |
| 265 | 418 | " . | MAINPURI | Mahabod, Sandila, Mallawan and Mendhi- ghat | 134 | 2 | 13 |
| 266 | 418(a) | " . | " | Mohan, Durgamau, and the Grand Trunk Road. | 136 | 4 | 12 |
| 1b | 419 | " . | PARTABGARH . | Jagdispur and Amethi | 106 | 4 | 10 |
| 267 | 420 | " . | RAE-BARELI . | Harchandpur | 47 | 2 | 4 |
| 1b. | 421 | " . | SITAPUR | Dakshi-ka-Talao | 56 | 4 | 5 |
| 268 | 422 | " . | SULTANPUR . | Haidargarh and Jagdispur | 81 | 0 | 8 |
| 1b: | 423 | " . | TULSIPIR | Nawabganj, Bahramghat and Bahrampur | 111 | 0 | 12 |
| 269 | 424 | LUDHIANA . | FEROZEPUR | Jagron | 77 | 4 | 6 |

| Page. | Route No. | From | To | Via | Distances. | | Number of Stages. |
|----------|-----------|---------------|--|--|------------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| I—contd. | | | | | | | |
| 269 | 425 | LUDHIANA . | HISSAR . | Maler-Kotla, Sangrur and Barnala . | 183 | 6 | 11 |
| 270 | 426 | " . | HOSHIAHPUR . | The Grand Trunk Road and Malakana . | 46 | 6 | 4 |
| ib. | 427 | " . | MEERAN MEER . | Jagron and Hariki . | 112 | 2 | 12 |
| ib. | 428 | " . | ROHTAK . | Maler-Kotla, Nabha and Jhind . | 163 | 2 | 13 |
| 271 | 429 | " . | SIMLA . | Samrala, Merinda, Kalka and the New Road . | 183 | 2 | 12 |
| 272 | 429(a) | " . | " . | Samrala, Merinda, Rupar and the Old Road . | 116 | 1 | 12 |
| ib. | 429(b) | " . | " . | Rupar, Balli and the Old Road . | 101 | 6 | 10 |
| ib. | 430 | " . | SIBSA . | Maler-Kotla and Kalaykay . | 112 | 6 | 8 |
| II | | | | | | | |
| 274 | 431 | MAHORA . | CHANDLA . | Lauri . | 28 | 0 | 2 |
| ib. | 432 | MAINPURI . | BATESAR . | Shikohabad . | 41 | 2 | 4 |
| ib. | 433 | " . | ETAWAH . | Harna (Lucknow) . | 24 | 0 | 3 |
| ib. | 434 | MALDA . | DAMEELING . | Gajol and Titajah . | 174 | 0 | 17 |
| 275 | 435 | " . | DINAJPUR . | Gajol and Tambuli . | 61 | 1 | 6 |
| ib. | 436 | " . | FURNEA . | Kailash . | 86 | 0 | 8 |
| 276 | 437 | MANIPUR . | TAMU, on the road to Aching (Furnia). | Lokhai River . | 66 | 0 | 6 |
| ib. | 438 | MARDAN . | ADAZAI . | The Sast River Canal . | 50 | 0 | 3 |
| 277 | 439 | " . | LANDKHOR, on the road to Swat. | ..... | 17 | 4 | 2 |
| ib. | 440 | " . | MALAKHAND PASS . | Dargal . | 38 | 6 | 3 |
| ib. | 441 | " . | MIR KHAN . | Rathung . | 20 | 0 | 2 |
| ib. | 442 | " . | SALIM KHAN, on the road to Chingish. | Jamalia . | 24 | 0 | 2 |
| 278 | 443 | " . | SHERDARFA, on the border of Buner Territory. | Farmali . | 24 | 0 | 3 |
| ib. | 444 | " . | SURKHAWI, on the road to Malak. | Hestum . | 25 | 0 | 2 |
| ib. | 445 | MEERAN MEER . | EDWARDESABAD . | Kamoke, Ramnagar, Miani and Kalatogh . | 229 | 6 | 30 |
| 279 | 446 | " . | FEROZEPUR . | Keror and Ganda Singhwala . | 49 | 2 | 6 |
| ib. | 447 | " . | GUJRAT . | Shikhpura, Hafsa's Land and Ramnagar . | 109 | 4 | 11 |
| 280 | 448 | " . | GURDASPUR . | Pata's . | 76 | 4 | 7 |
| ib. | 449 | " . | HOSHIAHPUR . | Batala, Byt Perry and Tanda . | 103 | 6 | 10 |
| 281 | 449(a) | " . | " . | Batala, Eripindpur and Tanda . | 107 | 2 | 10 |
| ib. | 450 | " . | JHANG . | Shikhpura, Pindi-Bhatian and Chinlot . | 147 | 4 | 13 |
| 282 | 451 | " . | MONTGOMERY . | Akbar . | 106 | 3 | 10 |
| ib. | 451(a) | " . | " . | Chandian, Sargoth and Patigara . | 123 | 1 | 11 |
| 283 | 452 | " . | SHAHNUR . | Shikhpura and Pindi-Bhatian . | 126 | 0 | 13 |
| ib. | 452(a) | " . | " . | Ramnagar and Mival . | 164 | 0 | 15 |
| 284 | 453 | " . | SIALKOT . | Kamoke and Haindabad . | 78 | 1 | 8 |
| ib. | 453(a) | " . | " . | Gujranwala and Daska . | 80 | 2 | 8 |
| ib. | 454 | MEERUT . | DILKOR . | Balauma . | 38 | 6 | 4 |
| 285 | 455 | " . | KALEYAN . | Blaroff . | 63 | 4 | 6 |
| ib. | 456 | " . | LANDOUR . | Muradnagar, Deohand and Mohand . | 118 | 2 | 10 |
| 286 | 457 | " . | MORADABAD . | Gorhunktar Ghat . | 78 | 4 | 7 |

| Page. | Route No. | From | To | Via | Distance | | Notes |
|----------|-----------|------------|--------------------------------|---|----------|----------|-------|
| | | | | | Miles. | Fathoms. | |
| M—contd. | | | | | | | |
| 286 | 458 | MEEHUT | ROORKEE | Muzaffarnagar | 64 | 2 | 5 |
| 287 | 459 | " | SIMLA | Muzaffarnagar, Saharanpur and Kalka | 220 | 1 | 10 |
| ib. | 460 | " | UMBALLA | Muzaffarnagar, Deoband, Saharanpur and Jagadhri. | 135 | 4 | 12 |
| 288 | 461 | MIDNAPORE | BALASORE | Jaldhwar | 76 | 0 | 8 |
| ib. | 462 | " | CHHAIBASSA | Dahjuri, Narsingar and Ghatsila | 112 | 0 | 11 |
| 289 | 462(a) | " | " | Chitbra and Narsingar | 112 | 0 | 11 |
| 290 | 463 | " | SAMBALPUR | As far as Dhubudhi. (Remainder in Bombay Route Book No. 264.) | 90 | 0 | 10 |
| ib. | 464 | MIRZAPUR. | JAUNPUR | Rampur | 47 | 8 | 5 |
| 291 | 465 | " | JUBBULPORE | Lalganj, the Katra pass and Mathar | 241 | 2 | 22 |
| ib. | 466 | MOKOKCHUNG | GELAKY | Santong and Tamla | 60 | 6 | 7 |
| 292 | 467 | " | MORJANI | Charali | 55 | 0 | 4 |
| ib. | 468 | " | WOKKA | Koyo | 38 | 0 | 4 |
| 293 | 469 | MONGHYR | BIRPUR, on the Nepal Frontier. | Bakhtiarpur | 108 | 4 | 11 |
| ib. | 470 | " | DARBHANGA | Roverha | 70 | 0 | 8 |
| 294 | 470(a) | " | " | Dalsingh-Saral | 88 | 0 | 7 |
| ib. | 471 | " | GAYA | Sarajwar and Wazirganj | 112 | 0 | 10 |
| ib. | 472 | " | HAZARIBAGH | Chakal, Kharagdila, Giridih and Bagodar | 189 | 4 | 17 |
| 295 | 473 | " | MADHUBANI | Raserha and Bahera | 93 | 0 | 10 |
| 296 | 474 | " | MUZAFFARPUR | Dalsingh-Sarai | 92 | 4 | 7 |
| ib. | 475 | " | PURULIA | Chakal, Serampore and Gobindpur | 177 | 0 | 17 |
| 297 | 476 | MONTGOMERY | JHANG | Harappa | 76 | 0 | 6 |
| ib. | 476(a) | " | " | Gugera | 86 | 4 | 8 |
| ib. | 477 | MOOLTAN | AHMADPUR | Shujabad and Jalalpur | 77 | 4 | 7 |
| 298 | 478 | " | BAHAWALPUR | Lodhron | 57 | 0 | 6 |
| ib. | 479 | " | DERA GHAZI KHAN. | Muzaffargarh | 47 | 4 | 5 |
| ib. | 480 | " | DERA ISMAIL KHAN. | Bhuki, Daemdin-Panab and Bhakkar | 138 | 6 | 14 |
| 299 | 480(a) | " | " | Mundo, Fatehpur, Mankora and Bhakkar | 141 | 6 | 18 |
| ib. | 481 | " | JHANG | Naithal and Sherkot | 94 | 7 | 9 |
| 300 | 481(a) | " | " | Saral-Sidhu and Sherkot | 95 | 8 | 9 |
| ib. | 482 | " | MAILSI | Tibba | 50 | 0 | 4 |
| 301 | 483 | MORADABAD | ALMORA | Kaladhungi and Banlbagh | 102 | 0 | 10 |
| ib. | 484 | " | BUDAUN | Chandauli | 67 | 0 | 5 |
| ib. | 485 | " | LANDOUR | Najitabad, Haridwar and Dehra-Dun | 141 | 0 | 14 |
| 302 | 486 | " | NAINI TAL. | Kaladhungi | 61 | 9 | 5 |
| ib. | 487 | " | PITHOBAGARH | Rudarpur and Lohaghat | 168 | 7 | 13 |
| 303 | 488 | " | RANIKHET | Kashipur | 107 | 4 | 11 |
| 304 | 489 | " | ROORKEE | Bijnor | 100 | 5 | 7 |
| ib. | 490(a) | " | " | Najitabad and Haridwar | 112 | 6 | 11 |
| ib. | 490 | " | UMBALLA | Bijnor, Deoband, Saharanpur and Jagadhri. | 180 | 0 | 16 |
| 305 | 491 | MORAR | BHARATPUR | Dhampur, Sorbendi and Fatehpur-Sikri | 61 | 6 | 8 |
| ib. | 492 | " | ETAWAH | Bbind | 60 | 2 | 6 |
| 306 | 493 | " | JHANSI | Dattiah | 64 | 7 | 7 |

| Page. | Route No. | From | To | Via | DISTANCE. | | Number of Stages. |
|------------|-----------|--------------|--------------------------|--|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| M—concl'd. | | | | | | | |
| 306 | 494 | MORAR | NASIRABAD | As far as Mandrach. (Remainder in Bombay Route Book No. 247.) | 71 | 0 | 6 |
| 307 | 495 | " | NEEMUCH | As far as Tehla. (Remainder in Bombay Route Book No. 239.) | 276 | 4 | 23 |
| 308 | 496 | MURREE | ABBOTTABAD | The Upper Road | 40 | 4 | 4 |
| ib. | 496(a) | " | " | The Lower Road | 20 | 6 | 3 |
| ib. | 497 | " | BANDIPURA | Kotla and Baramula | 161 | 0 | 12 |
| 309 | 498 | " | JHELM | The right bank of the Jhelum River | 105 | 6 | 13 |
| 310 | 499 | " | SRINAGAR | Kotla, Uri and Baramula | 165 | 1 | 13 |
| ib. | 500 | MUSSOOREE | RANIKHET | Tetri, Pauri, Kinnell, Ramul, Gwaldan and Jwarahat. | 241 | 4 | 25 |
| 311 | 501 | MUTTRA | DHARATPUR | Dig and Kumber | 47 | 2 | 4 |
| 312 | 502 | " | FATEHGARH | Majapuri and Dewar. | 184 | 6 | 11 |
| ib. | 503 | " | GURGAON | Hodal and Palwal | 90 | 6 | 8 |
| 313 | 502(a) | " | " | Dig, Ferozepur-Jilka and Solna | 116 | 2 | 9 |
| ib. | 502(b) | " | " | Hodal, Hattin and Solna | 81 | 7 | 6 |
| ib. | 504 | " | HISSAR | Dewari and Dadri | 183 | 6 | 17 |
| 314 | 505 | " | MHOW | As far as Rungpur. (Remainder in Bombay Route Book No. 248.) | 13 | 4 | 1 |
| ib. | 506 | " | NASIRABAD | As far as Dig. (Remainder in Bombay Route Book No. 250.) | 23 | 6 | 2 |
| ib. | 506(a) | " | " | As far as Ullapora. (Remainder in Bombay Route Book No. 250(b).) | 67 | 2 | 6 |
| 315 | 507 | MUZAFFARGARH | DERA ISMAIL KHAN. | Durrain-Panab, Lohi and Bhakkar | 132 | 2 | 13 |
| ib. | 508 | " | RAJANPUR | Khangarh and the Nurpur Ferry | 98 | 0 | 6 |
| 316 | 509 | " | BIJNOR | Belli Ghat | 23 | 0 | 2 |
| ib. | 510 | MUZAFFARGARH | DARBHANGA | Sigri | 34 | 0 | 3 |
| ib. | 511 | " | NEPAL (KATHMANDU). | Mallai, Makwanpur and the valley of the Bagmati | 127 | 0 | 13 |
| 317 | 511(a) | " | " | Dharmpur | 102 | 0 | 16 |
| 318 | 511(b) | " | " | Mallai, Makwanpur and Helcura | 159 | 7 | 10 |
| 319 | 512 | MYNENSINGH | DOGRA | Jamalgur and Malaganj | 77 | 4 | 8 |
| ib. | 513 | " | RANGPUR | Jamalgur, Dewanganj and Bhawaniganj | 118 | 0 | 13 |
| 320 | 514 | " | SYLHET | Chitlak | 150 | 0 | 14 |
| 321 | 515 | " | TURA, in the Garo Hills. | Sherpur-Town | 83 | 0 | 6 |
| N | | | | | | | |
| 322 | 516 | NAGODE | PANDA | Kalinjar | 73 | 5 | 7 |
| ib. | 517 | NAINI TAL | RANIKHET | Bhujan. | 25 | 6 | 2 |
| ib. | 518 | NOWGONG | ACHNERA BY. STN. | Chhatargarh, Panra and Nagole | 103 | 2 | 9 |
| 323 | 519 | " | PANDA | Mahoba and Kabul | 67 | 0 | 6 |
| ib. | 520 | " | LALITPUR | Tikamgarh | 60 | 3 | 8 |
| ib. | 521 | " | ORAI | Man and Bahinagar | 80 | 1 | 9 |
| 324 | 521(a) | " | " | Man, Lohi and Tonchi | 96 | 7 | 11 |
| ib. | 522 | " | PHAPHUND BY. STN. | Man and Jaloun | 126 | 6 | 14 |
| 325 | 523 | " (ASSAM) | CACHAR or SILCHAR | Daboka and Gunjong | 161 | 4 | 16 |

| Page. | Route No. | From | To | Via | Distance. | | |
|----------|-----------|-----------------|--------------------------------|--|-----------|----------|-------------------|
| | | | | | Miles. | Fathoms. | Number of Stages. |
| N—contd. | | | | | | | |
| 326 | 534 | NOWGONG (ASSAM) | TEZPUR | Rupahi | 22 | 4 | 3 |
| ib. | 535 | NOWSHERA | ABAZAI | Turangai | 34 | 6 | 3 |
| ib. | 536 | " | CHIRAT | Jaluzai | 32 | 0 | 4 |
| 327 | 527 | " | KOHAT | Jaluzai and the Kohat Pass | 56 | 0 | 4 |
| ib. | 527(a) | " | " | The Kannakhol and Palosi Passes | 73 | 4 | 5 |
| ib. | 528 | " | MARDAN | ..... | 16 | 4 | 1 |
| O | | | | | | | |
| 328 | 529 | ORAI | BANDA | Jalalpur | 76 | 0 | 7 |
| P | | | | | | | |
| 329 | 530 | PABNA | BOALIA (RAMPUR-BAULSAH.) | Lalpur | 57 | 0 | 5 |
| ib. | 531 | " | BOGRA | Shahzadpur, Sirajganj and Sherpur | 93 | 0 | 8 |
| ib. | 532 | " | FARIDPUR | Nazirganj | 40 | 0 | 6 |
| 330 | 533 | " | GOALPARA | Shahzadpur, Sirajganj, Jamalpur and Mahendraganj. | 217 | 6 | 23 |
| 331 | 534 | " | MYMENSINGH | Shahzadpur, Sirajganj and Subarnachali | 103 | 4 | 11 |
| ib. | 535 | PACHMARHI | PIPARIA | Matkuli | 32 | 0 | 4 |
| ib. | 536 | " | SOHAGPUR | Dukrihari | 37 | 6 | 4 |
| 332 | 537 | PESHAWAR | CAMPBELLFUR | The Kannakhol Pass | 62 | 0 | 7 |
| ib. | 538 | " | CHIRAT | Olamkani | 32 | 0 | 4 |
| ib. | 538(a) | " | " | Publi | 35 | 4 | 4 |
| 333 | 539 | " | JAMRUD | ..... | 9 | 0 | 1 |
| ib. | 540 | " | KOHAT | The Kohat Pass | 34 | 0 | 3 |
| ib. | 540(a) | " | " | Jaluzai, the Mirkanai and Palosi Passes | 80 | 0 | 7 |
| ib. | 540(b) | " | " | The Zhawki Pass | 63 | 2 | 6 |
| 334 | 541 | " | MARDAN | Nisatha | 32 | 4 | 3 |
| 335 | 541(a) | " | " | Shabkadar, Abazai and Utmanzai | 66 | 4 | 5 |
| ib. | 541(b) | " | " | Michni, Abazai and Utmanzai | 59 | 5 | 5 |
| ib. | 542 | PURULIA | DABAKAR RY. STN. | Raghunathpur | 46 | 0 | 4 |
| 336 | 543 | " | CHAIABASSA | Sarakkela | 69 | 0 | 9 |
| R | | | | | | | |
| 337 | 544 | RAE-BARELI | GONDAH | Daryabad, Bahramghat and Colonelganj | 101 | 6 | 11 |
| ib. | 545 | " | SULTANPUR | Jais | 55 | 0 | 6 |
| 338 | 546 | RAJANPUR | SUKKUR | By the District Road as far as Shahwali. (Remainder in Bombay Route Book No 489.) | 62 | 4 | 6 |
| ib. | 547 | RAJMAHAL | SIMEA | Barjo | 37 | 0 | 4 |
| ib. | 548 | RANGAMATI | LAMA (Chittagong Hill Tracts). | Bandarban and Rama | 123 | 0 | 6 |
| 339 | 549 | RANGPUR | COOCH-BEHAR | Moghat | 51 | 0 | 4 |
| ib. | 550 | " | DARJEELING | Tangamari and Titalyah | 140 | 0 | 14 |
| ib. | 551 | " | GOALPARA | Bagwa and Hajo Hat | 112 | 6 | 11 |
| 340 | 551(a) | " | " | Dinbri | 118 | 6 | 11 |

| Page. | Route No. | From. | To | Via | DISTANCE. | | Number of Stages. |
|----------|-----------|--|--|---|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| R—contd. | | | | | | | |
| 341 | 552 | RANGPUR . | TURA, in the Garo Hills | Mankachar | 82 | 4 | 8 |
| ib. | 553 | BANIKHET . | LANDOUR | Bunglbar, Paori and Tehri | 137 | 4 | 14 |
| 342 | 554 | " | TO THE SHALSHAL PASS, on the Tibetan Frontier. | Bagesar, Pharkia and the Milam Pass | 163 | 1 | 17 |
| 343 | 555 | RATH | KALPI | Chandant | 88 | 4 | 4 |
| ib. | 556 | RAWAL PINDI . | ABBOTTABAD | The Grand Trunk Road and Haripur | 65 | 6 | 5 |
| ib. | 556(a) | " | " | Khanpur and Haripur | 59 | 4 | 5 |
| 344 | 557 | " | CAMPBELLPUR | Hatl | 62 | 5 | 4 |
| ib. | 558 | " | DERA ISMAIL KHAN . | Fatabjiang, Shah Muhammadwala and Mianwali | 212 | 2 | 19 |
| 345 | 559 | " | MURREE | Tret | 39 | 4 | 8 |
| ib. | 560 | " | SHAHPUR | Mandra, Chakwal and Pind-Dadan-Khan | 139 | 0 | 13 |
| 346 | 560(a) | " | " | Mandra, Chakwal and Nurpur | 126 | 0 | 13 |
| ib. | 560(b) | " | " | Dadumbar, Talagang and Juba | 180 | 0 | 13 |
| 347 | 561 | ROHTAK | ALWAR | As far as Kot-Kasim. (Remainder in Bombay Route Book No. 209(1).) | 66 | 1 | 5 |
| ib. | 562 | ROORKEE | LANDOUR | Mohand and Majra | 56 | 4 | 5 |
| ib. | 562(a) | " | " | Hardwar and Dehra-Dun | 61 | 2 | 7 |
| 348 | 563 | " | LANSDOWNE | Hardwar and Kotdwar | 70 | 2 | 9 |
| ib. | 563(a) | " | " | Nagal and Kotdwar | 66 | 2 | 7 |
| ib. | 564 | " | UMBALLA | Saharanpur and Jagadhri | 69 | 4 | 8 |
| S | | | | | | | |
| 350 | 565 | SAHARANPUR . | CHAKRATA | The Timli Pass | 77 | 4 | 7 |
| ib. | 565(a) | " | " | Majra | 97 | 2 | 9 |
| ib. | 566 | SARAI MIRAN (on the Grand Trunk Road). | PHAPRUNDRY STN. | Bela | 43 | 3 | 4 |
| 351 | 567 | SASARAM | DALTONGANJ (BJHA) | Aurangabad and Maharajganj | 87 | 4 | 9 |
| ib. | 567(a) | " | " | Dehri and Hosnabad | 98 | 4 | 10 |
| 352 | 568 | SAUGOR | BANDA | Shahgarh, Hirapur, Ohstarpur and Mahoba | 164 | 2 | 16 |
| ib. | 569 | " | HOSHANGABAD . | Sirmau and Jamgarh | 121 | 3 | 12 |
| 353 | 569(a) | " | " | Rahatgarh, Bhiles and Dhopal | 142 | 4 | 14 |
| 354 | 570 | " | KARELI RY. STN. | Gurjamar | 74 | 6 | 8 |
| 355 | 571 | " | MIHOW | As far as Sonkach. (Remainder in Bombay Route Book No. 223.) | 177 | 0 | 16 |
| ib. | 571(a) | " | " | As far as Hat-Pipla. (Remainder in Bombay Route Book No. 223(1).) | 188 | 6 | 17 |
| 356 | 572 | " | NAGODE | Damoh and Hattia | 142 | 4 | 15 |
| ib. | 573 | " | NEEMUCH | As far as Tohla. (Remainder in Bombay Route Book No. 241.) | 252 | 5 | 24 |
| 358 | 574 | " | SAMBALPUR | As far as Mundha. (Remainder in Bombay Route Book No. 236.) | 245 | 0 | 23 |
| 359 | 575 | " | SIRONJ | Kural | 78 | 4 | 7 |
| ib. | 576 | SEGOWLIE | CHAPRA | Motihari, Kesaria and Mashrak | 83 | 4 | 8 |
| 360 | 577 | " | DARBHANGA | Mallat | 101 | 6 | 11 |
| ib. | 578 | " | GHAZIPUR | Gobindganj, Siwan, Darauli and Nagra | 128 | 4 | 12 |
| 361 | 579 | " | MUZAFFARPUR | Motihari and Barah | 65 | 6 | 6 |

| Page | Route No. | From | To | Via | DISTANCE | | |
|----------|-----------|--------------|------------------------------|--|----------|---------|-------|
| | | | | | Miles | Fathoms | Yards |
| S—contd. | | | | | | | |
| 361 | 580 | SEGOWLIE | NEPAL (KATMANDU) | Hetouza and Chitlong | 83 | 2 | 11 |
| 362 | 580(a) | " | " | Medihari, Makwanpur and Hetouza | 125 | 3 | 15 |
| 1b. | 581 | SHAHJAHANPUR | BUDAUN | Fatehganj | 66 | 0 | 3 |
| 363 | 582 | " | HARDOI | Shahabad | 40 | 4 | 4 |
| 1b. | 583 | " | LAKHIMPUR | Mohandi | 56 | 0 | 6 |
| 364 | 584 | " | PILIBHIT | Bisalpur | 55 | 0 | 7 |
| 1b. | 584(a) | " | " | Parvaya and Parvapur | 78 | 4 | 31 |
| 1b. | 585 | " | UNAO | Shahabad, Sandi, Bilgram and Mallawan | 109 | 4 | 10 |
| 365 | 586 | SHAHUPUR | DERA ISMAIL KHAN | Khusab and Jandawala | 105 | 4 | 9 |
| 1b. | 586(a) | " | " | Khusab and Wambhachran | 126 | 4 | 13 |
| 366 | 587 | " | EDWARDESABAD | Mianwali and Isakhel | 133 | 4 | 10 |
| 1b. | 588 | " | KOHAT | Talagang, Pindigheb and Khusabgarh | 138 | 4 | 13 |
| 367 | 588(a) | " | " | Khusab, Mianwali and Kalabagh | 168 | 4 | 14 |
| 1b. | 589 | " | MUZAFFARGARH | Khusab, Machiwal and Bangpur | 179 | 0 | 17 |
| 368 | 590 | SHERGHATI | DALTONGANJ (BIJRA) | Lealliganj | 69 | 0 | 7 |
| 1b. | 591 | " | LOHARDAGA | Chitra and Balumath | 93 | 0 | 3 |
| 369 | 592 | SHILLONG | CACHAR or SILCHAR | Jowai | 123 | 0 | 9 |
| 1b. | 592(a) | " | " | Sylhet | 134 | 0 | 13 |
| 370 | 593 | " | DIBRUGARH | Nowgong and the Assam Trunk Road | 805 | 4 | 30 |
| 371 | 594 | " | GAUHATI | The Cross Roads | 61 | 0 | 6 |
| 1b. | 594(a) | " | " | Maulong and Malrang | 91 | 6 | 8 |
| 372 | 595 | " | KOHIMA | The Assam Trunk Road, Golaghat and Dimapur | 313 | 2 | 20 |
| 373 | 596 | SIALKOT | DALHOUSEIE | Trimmu Ghat and Pathankot | 183 | 4 | 13 |
| 1b. | 597 | " | DHARMSALA | Zafarwal, Pathankot and Narpur | 182 | 3 | 12 |
| 1b. | 598 | " | GANGWAL FERRY, on the Chenab | Gondal | 14 | 0 | 2 |
| 374 | 599 | " | GUJRAT | Kulluwal | 39 | 4 | 3 |
| 1b. | 600 | " | JHANG | Waximabad, Jalalpur and Bakhari | 168 | 0 | 13 |
| 1b. | 601 | " | KHOJA CHAK FERRY | ..... | 10 | 0 | 1 |
| 375 | 602 | " | SRINAGAR | Jummoo and the Banthal Pass | 179 | 0 | 14 |
| 376 | 602(a) | " | " | Krinchi and the Banthal Pass | 176 | 6 | 15 |
| 1b. | 602(b) | " | " | Aknur and Shapiyon | 147 | 0 | 16 |
| 377 | 602(c) | " | " | Aknur, Rajouri, the Pir Panjal Pass and Shapiyon | 191 | 0 | 17 |
| 378 | 602(d) | " | " | Bhimbar, Rajouri, Haji Pir Pass, Uri and Baranulla | 250 | 1 | 21 |
| 1b. | 602(e) | " | " | Jummoo, Kishtwar and Islamabad | 269 | 0 | 20 |
| 379 | 603 | SIBSAGAR | BOMJUR | The Assam Trunk Road | 181 | 4 | 11 |
| 1b. | 604 | " | JRYPORE (ASSAM) | Kenduguri | 67 | 0 | 6 |
| 380 | 604(a) | " | " | Saffry | 61 | 4 | 7 |
| 1b. | 605 | SILIGURI | GANTAK, in Sikkim | The Tista Bridge | 64 | 0 | 5 |
| 1b. | 606 | SIMLA | CHAKRATA | Phagu and Mandol | 110 | 0 | 12 |
| 381 | 607 | " | THE CHUR PEAK | Paternala | 63 | 0 | 7 |
| 1b. | 607(a) | " | " | Bhojpal and Bhairag | 54 | 4 | 8 |
| 382 | 608 | " | DAGSHAI | Solan | 48 | 0 | 3 |

| Page. | Route No. | From | To | Via | DISTANCE. | | Number of Stages. |
|----------|-----------|---------------|--------------------------------------|--|-----------|-----------|-------------------|
| | | | | | Miles. | Furlongs. | |
| S—contd. | | | | | | | |
| 382 | 609 | SIMLA . . . | DALHOUSIE . . . | Badli, Hajipur and Pathankot . . . | 224 | 0 | 22 |
| 383 | 610 | " . . . | DHARMSALA . . . | Jutogh, Bilaspur and Sojanpur . . . | 131 | 7 | 12 |
| 384 | 610(a) | " . . . | " . . . | Bilaspur, Nadun and Jawalamukhi . . . | 140 | 6 | 14 |
| ib. | 610(b) | " . . . | " . . . | Kalka, Amb and Gopipur Deroh . . . | 205 | 2 | 19 |
| 385 | 610(c) | " . . . | " . . . | Kotgarh, Dalash, Bajaura and Baljath . . . | 214 | 7 | 23 |
| 386 | 611 | " . . . | JANGI . . . | Narkanda, Serahan and Urni . . . | 162 | 0 | 16 |
| 388 | 612 | " . . . | KASALI . . . | The New Road . . . | 51 | 4 | 4 |
| ib. | 612 | " . . . | LEH . . . | Kotgarh, Sultanpur and Lingil Sarchu . . . | 378 | 4 | 36 |
| 390 | 613(a) | " . . . | " . . . | The Hindustan-Tibet Road . . . | 444 | 0 | 40 |
| 392 | 613(b) | " . . . | " . . . | Serahan, the Pin Valley, Spiti, Lahoni, the Shinkul Pass and the Leskar Country . . . | 546 | 0 | 53 |
| 394 | 614 | " . . . | SRINAGAR . . . | Kotgarh, Rampur, Sultanpur, left bank of the Beas, the Rotang Pass, Tundi and Kishtwar . . . | 489 | 6 | 48 |
| 395 | 614(a) | " . . . | " . . . | Leh . . . | 631 | 2 | 53 |
| 396 | 615 | " . . . | SUBATHU . . . | The New Road . . . | 51 | 4 | 8 |
| 397 | 615(a) | " . . . | " . . . | The Old Road . . . | 22 | 3 | 3 |
| ib. | 616 | SIRONJ . . . | GOONA . . . | Aruna . . . | 49 | 2 | 5 |
| ib. | 617 | " . . . | MHOW . . . | As far as Makse. (Remainder in Bombay Route Book No. 232.) . . . | 123 | 1 | 11 |
| 398 | 618 | " . . . | NEEMUCH . . . | As far as Tehla. (Remainder in Bombay Route Book No. 243.) . . . | 154 | 5 | 13 |
| ib. | 619 | " . . . | SEHORE . . . | Berasia . . . | 81 | 1 | 7 |
| 399 | 620 | SIBSA . . . | BAHAWALPUR . . . | Bhutair, Sirdargarh and Anupgarh . . . | 209 | 4 | 16 |
| 400 | 620(a) | " . . . | " . . . | Malant, Fazilka and Khairpur . . . | 250 | 2 | 21 |
| ib. | 621 | " . . . | BIKANER . . . | As far as Pipawa. (Remainder in Bombay Route Book Nos. 201 (1) or 201 (2).) . . . | 20 | 5 | 2 |
| ib. | 622 | " . . . | MEEAN MEER . . . | Bathinda, Faridkot and Hariki . . . | 168 | 4 | 17 |
| 401 | 623 | " . . . | MONTGOMERY . . . | Malant and Dipsalpur . . . | 163 | 4 | 16 |
| 402 | 624 | SITAPUR . . . | BAHRAICH . . . | Blawan and Chitlari . . . | 61 | 7 | 6 |
| ib. | 624(a) | " . . . | " . . . | Laharpur and Tamour . . . | 66 | 0 | 7 |
| ib. | 625 | " . . . | FYZABAD . . . | Bahadurpur, near Lucknow, and Nawabganj . . . | 131 | 5 | 11 |
| 403 | 625(a) | " . . . | " . . . | Fatehgarh, Barhwal and Daryabad . . . | 117 | 6 | 10 |
| ib. | 626 | " . . . | GONDAH . . . | Fatehgarh, Barhwal, Bahramghat and Colonelganj . . . | 97 | 4 | 9 |
| 404 | 627 | " . . . | HARDOI . . . | Kulabnagar . . . | 44 | 0 | 4 |
| ib. | 627(a) | " . . . | " . . . | Nim Khar . . . | 46 | 2 | 5 |
| ib. | 628 | " . . . | LAKHIMPUR . . . | Oel . . . | 23 | 0 | 3 |
| 405 | 629 | " . . . | MAINPURI . . . | Lodhi and Mondhight . . . | 126 | 4 | 13 |
| ib. | 629(a) | " . . . | " . . . | Mollanwan and Mendhight . . . | 131 | 4 | 11 |
| 406 | 630 | " . . . | PADNAHA, on the Nepal Frontier . . . | Laharpur, Tamour and Nanpara . . . | 107 | 4 | 11 |
| ib. | 630(a) | " . . . | " . . . | Blawan, Chitlari and Nanpara . . . | 118 | 3 | 11 |
| ib. | 631 | " . . . | PILIBHIT . . . | Aurangabad, Mohamdi and Bialpur . . . | 96 | 4 | 9 |
| 407 | 632 | " . . . | SHAHJAHANPUR . . . | Malgaiganj and Udeygar . . . | 63 | 2 | 5 |
| ib. | 632(a) | " . . . | " . . . | Kulabar Ghat and Pihani . . . | 59 | 4 | 6 |
| 408 | 633 | " . . . | TULSIKUR . . . | Chitlari and Ikana . . . | 137 | 2 | 14 |
| ib. | 634 | SOOREE . . . | GAYA . . . | Rajnagar, Deogarh, Chakai and Wazirganj . . . | 207 | 5 | 20 |

| Page. | Route No | From | To | Place | Distance. | | Remarks |
|-----------|----------|-------------------|-------------------------------------|--|-----------|---------|---------|
| | | | | | Miles | Fathoms | |
| S—conold. | | | | | | | |
| 409 | 635 | BOORLE . . | JANGIPUR . . | Salothla and Khargaon | 70 | 5 | 18 |
| 410 | 636 | " . . | MURARAI RY STN . . | Mollarpur and Nalhati | 48 | 0 | 5 |
| ib | 637 | " . . | BANIGANJ . . | Dobrajpur | 84 | 4 | 12 |
| ib. | 638 | SYLHET . . | CHARGOLA . . | Batabari | 66 | 0 | 8 |
| 411 | 639 | " . . | JOWAI . . | Jaintiapur | 54 | 0 | 1 |
| ib. | 640 | " . . | KHAMBERGHAT . . | Himgajiya | 49 | 0 | 1 |
| 412 | 640(a) | " . . | " . . | Baleganj and Adampur | 60 | 0 | 5 |
| T | | | | | | | |
| 413 | 641 | TEZPUR . . | AMRATOL, in Bhutan | Udalguri | 60 | 0 | 5 |
| ib. | 642 | " . . | KHERKHERIA, on the Bhutan Frontier. | Udalguri and Bengbari | 64 | 0 | 6 |
| ib. | 643 | TIKANGARH (TEHRI) | NOWGONG . . | Palohra | 53 | 0 | 14 |
| 414 | 643(a) | " . . | " . . | Deonagar | 55 | 0 | 9 |
| U | | | | | | | |
| 415 | 644 | UMBALLA . . | BAHAWALPUR . . | Patiala, Sangrur, Malaut, Fazilka and Karnalpur. | 312 | 6 | 23 |
| 416 | 645 | " . . | DAGSHAI . . | Kalka and the New Road | 59 | 2 | 6 |
| ib. | 645(a) | " . . | " . . | Nahan | 67 | 0 | 7 |
| ib. | 646 | " . . | DIHARSALA . . | Rupar, Bilaspur, Saket and Baijnath . . | 197 | 2 | 19 |
| 417 | 647 | " . . | PEROZPOBE . . | Patiala, Nabha, Maler-Kotla and Bhudni-Kalan. | 150 | 2 | 12 |
| 418 | 648 | " . . | HISSAR . . | Kaithal and Darwala | 112 | 6 | 8 |
| ib. | 649 | " . . | JUTOGH . . | Kalka and the New Road | 96 | 6 | 8 |
| ib. | 650 | " . . | KASAUJI . . | Kalka and the New Road | 61 | 6 | 5 |
| 419 | 651 | " . . | LANDOUR . . | Bilaspur and Dehra-Dun | 103 | 1 | 10 |
| ib | 652 | " . . | LUDHIANA . . | Patiala and Jern | 87 | 4 | 8 |
| ib. | 653 | " . . | ROHTAK . . | Kaithal and Jhind | 110 | 2 | 9 |
| 420 | 654 | " . . | SIRSA . . | Patiala and Badliadah | 137 | 0 | 11 |
| 421 | 655 | " . . | SUBATHU . . | Kalka and the New Road | 65 | 1 | 6 |
| W | | | | | | | |
| ib | 656 | WAZIRABAD . . | PASBUR . . | Daska | 35 | 4 | 4 |

ROUTES.

| AUTHORITY | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | JABA | 13 | 39 | A small village situated on a rise between the Java and Itabani nullahs, elevation 8,760 ft.; supplies on notice; plentiful good water from a spring and running stream close to b., near which is site for C-G., sufficient for 2 regts.; country hilly and intersected in parts by nullahs; road roughly metalled, 20 ft. wide, practicable for all arms including wheeled transport as far as Uttarshisha (9 m.); no gradient exceeding 1 in 12; all nullahs bridged; at 8½ m. near Uttarshisha, leave main road (which runs E. to Garhi-Habibullah, distant 19 m.) thence on to Balakote, 12½ m. further and take road to left; width of this is 8 ft. with a 2 ft. strip of metal, suitable for camel transport; road passes through nullahs till Jaba is reached. |
| | | BALAKOTE p-o b. | 11 | 40 | A large and important village on right bank of the Kunhar, elevation 7,380 ft.; supplies abundant; good water from the river 150 yds. from C-G., site for which, sufficient for 2 regts., is close to b.; there is also space on waste land, on the left bank (river crossed by a suspension bridge) nearly opposite b., to encamp 1 regt.; this latter space could be used at any time except during rainy season; country as above; road excellent, width 8 ft., practicable for pack animals including camels; cross the Dum Gali pass at 1 m. from whence there is a steady but easily graded descent to Bislan village which is reached at 4 m.; no gradient exceeds 1 in 12, and that only for short lengths; thence the road is level, keeping on the right bank of the Kunhar (or Nainsukh) and well above flood-level. |
| | | KAWAI b. | 12½ | 52½ | A small village, elevation 4,985 ft.; supplies on notice; grass and firewood in abundance; plentiful good water from the Kawai stream, 100 yds. from b., near which is site for C-G., as well as 1 m. further on, and in corn-fields in vicinity; country and road as above; cross to left bank of the Kunhar on starting by an iron suspension bridge, thence road keeps well above the river; cross the Sangar nullah at 4½ and the Ghanai at 10 m.; both bridged. |
| | | MANDRI b. | 18 | 65½ | The b. is reached at 13 m., the village (a small one) being about ½ m. further on, elevation 6,154 ft., all grain supplies must be brought from Balakote; grass and fuel abundant; milk, eggs, and sheep procurable locally in limited quantities; good water from the Kunhar R.; space to encamp 3 coys. with transport on land surrounding b., which is situated at the junction of the Manur nullah with the Kunhar, further space, for a large force, can be found on right bank of the Manur; country and road as before, but latter liable to small landslides; from Kawai to Furas, 3½ m., a steady descent, thence road keeps close to left bank of the Kunhar, above flood-level, being in some places built out over the river, reach Malakandi at 6½ m.; ample space here for C-G.; at 7½ m. cross the Bhoorah nullah (bridged) and pass dard at 11½ m. |
| | | KAGHAN | 11½ | 77 | One of the largest villages in the valley, occupied by Sikhs, elevation 6,780 ft.; grass and fuel in abundance, but other supplies limited; good water from the Kunhar R.; troops can encamp on terraced fields either (1) 3 m. on the right side of b., on right side of road under a clump of walnut trees, or (2) on right of road just beyond b.; country and road as before; cross the Manur nullah on starting, pass Mandri at 1, cross the Natri nullah (bridged) at 3½ and pass Phagui at 5 m.; road keeps well above flood-level with a few steep gradients, not exceeding 1 in 7, and that only for short lengths, till it again descends to the river bank, when Dima Bela is reached at 7 m. (here there is ample space for halting or for encampment of 1 regt.); road then ascends by a 1 in 10 gradient to Lerhi, 8½ m., and then descends till Kaghan is reached at 10 m. |
| | | NARANG | 11 | 91 | NOTE.—There is a fairly level grassy slope about 1 m. before reaching the rest house. Troops should, on no account, encamp here, as this spot is liable to mud-slips from the hill above. A small village, elevation 8,030 ft.; no supplies procurable; fuel and grass in abundance; good water from the Kunhar R.; ample space for encampment of a brigade on waste, grassy land S of b., which, in winter, is sometimes covered by a deep snow-drift; country as above; road as before, but with no gradient exceeding 1 in 10, running the whole way up the left bank of the Kunhar and close to it, but above flood-level; pass Rajwal at 3 m. on the right bank of the river which is bridged here, all important nullahs bridged, at about 11 m. the Bhimbal nullah flows into the Kunhar on its right bank; this nullah leads to the Malik-Ber pass; it is said to be open about the same time as the Babover and practicable for laden country ponies, though the ascent is steep. |
| | | BHATTIA KUNDI | 9½ | 100½ | A small village, elevation 8,620 ft.; grass and fuel in abundance, but limited quantities of sheep, milk, etc., procurable; abundant good water from the nullah, on right bank of which is extensive site for C-G.; country as above; road, as before, passes through Narang village and crosses the Narang nullah at 2 m., thence runs close to left bank of the Kunhar R.; valley then widens and the river opens out into several smooth reaches; pass Saboh, on right bank, at 6 (this village is at the mouth of the Septat nullah, up which lies a route to the Septat pass, one of the most frequented routes into Kohistan), Bhattia Kundi at 8, and the b. at 8 m.; thence descend to Bhattia Kundi nullah (bridged). |
| | | BURAWAI | 9 | 109½ | A cluster of huts on right bank of the Kunhar R., elevation 9,740 ft.; grass and fuel abundant, but no other supplies; plentiful good water from the Burawai nullah, on the right bank of which and close to bridge is site for encampment of one regt.; country as above; road, as before, runs on left bank of the Kunhar R., but well above it, following the contour of the hills; from mile 8 to 4 road is apt to be blocked by avalanches; cross a snow-bridge at 4½ m., which will require strengthening to bear weight of mules; cross the Dunga Kotia stream at 5 m. and the Burawai nullah (bridged) at 9 m. |
| | | BASAL | 12 | 121½ | No village, but a defensible block-house, two-storied, with 16 loop-holes and bullet-proof door, elevation 10,760 ft.; grass procurable, but little fuel and no other supplies; ample good water from the Basal and Kunhar rivers which are close to block-house, surrounding which is site for encamping 1 regt.; for a large force there is space on grassy slopes in vicinity; country and road as above; cross to right bank of the Kunhar (strongly bridged above flood-level) at 1 m., thence road keeps well above right bank of the river; pass Water at 6 and Seri at 7 m.; from here road ascends by grades 1 in 9 and 1 in 10 above the cliffs bordering the river, descending again till Basal is reached. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | GITTIDAS . . . | 8 | 120½ | No village, elevation 12,000 ft.; no supplies except grass and fuel; abundant good water from the Gittidas stream, on banks of which is extensive site for C.G.; country as above; road, as before, ascends, by easy grades, the valley which narrows into a gorge, keeping on right bank of the Kunhar which it crosses by a strong bridge at 2 m.; reaches the Lulusar (a lake and the source of the Kunhar) at 2½ m., skirts E. bank of the lake which is crescent-shaped and about 1½ m. in length, and thence keeps to left bank of the Gittidas stream, but well above it, following the contour of the hills, easy gradients; from here road passes over grassy slopes till Gittidas is reached. |
| | | BABUSAR . . . b. | 11½ | 130½ | A village, elevation 9,200 ft.; no supplies except grass and wood; water good and plentiful; C.G. near upper village; road, as before, ascends by a gradient of 1 in 10 till the Babusar pass (elevation 13,700 ft.) is reached; thence a difficult descent, gradient 1 in 7. |
| | | SINGAL . . . b. | 16 | 156½ | A large village and sarai; supplies obtainable, but limited; plenty of good water from an irrigation channel which runs through C.G., site for which is near village in field accommodating about 300 men; if more space is required it may be found at Daswan, 3 m. below Singal; country as above; road unmetalled, 10 ft. wide, bridged, and suitable for pack animals including camels; steepest gradient 1 in 10; pass Thak at 10 m., where supplies are procurable; at 13½ m. crosses the suspension bridge communicating with Singal village. |
| | | CHILAS . . . p-o. | 11 | 167½ | A large village with a good bazar; supplies and fodder obtainable; plentiful good water close at hand from an irrigation channel out of the Botogh nullah; extensive site for C.G. close to and opposite fort; country and road as before pass Daswan at 2, a 6 ft. road which makes a short cut to Chilas and diminishes distance from 11 to 10 m. at 5 m., strike Indus valley road at 0 and cross the Botogh stream at 10 m. |
| | | Total marches, 14 = 166½ m. | | | |

Route No. 3.
FROM ABBOTTABAD TO DERBAND.
via HARIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | SULTANPUR 720 x 670 yds. | 10½ | 10½ | A village and sarai with one room for travellers; supplies on notice; water from an irrigation channel, a tank and also from a deep well on C.G., which is on roadside; country fairly cultivated; road bridged, about 40 ft. wide, of which 10 ft. are metalled as far as Haripur, passable for all arms; wheeled transport can be used as far as Barukot; ruling gradient 1 in 10; camel transport recommended beyond Barukot, where road is unmetalled and about 16 ft. wide; descend to Khukar at 6 m., thence a gentle descent to the Dore, crossed at 8 m.; fordable except after heavy rain. |
| | | HARIPUR 500 x 470 yds. p-o. t-s. b. | 12½ | 23 | A municipal town; supplies abundant; water from irrigation channels and a pipe water-supply; C.G. on roadside; country and road as above; unfordable nullahs bridged; unbridged nullahs have good approaches; pass Maksud and Sirai Salahi at 7 m. |
| | | BARUKOT . . . 703,200 sq. yds. | 8 | 31 | A village; supplies on notice; water from the Doro R.; C.G. on banks of Siran opposite Kundryala, usually available; country undulating and intersected; road tolerably good and fit for guns; the Doro R. is crossed twice towards end of march, fordable except after heavy rain. |
| | | NAWAN GIRAN 83,500 sq. yds. | 10 | 41 | A small place; supplies must be collected; water from the Indus and from springs; spare ground available for C.G.; country hilly; road practicable, but difficult for guns; pass Mira and Samal at 4 m.; no water on road except from one tank; the Siran R. is crossed immediately on leaving Barukot, fordable except after heavy rain. |
| | | DERBAND . . . | 10 | 51 | A village on left bank of the Indus nearly opposite Amb; supplies must be collected; good water plentiful; ample space for C.G. on river bank; country hilly and wild; road rocky and difficult, but practicable for guns, winding up left bank of the Indus; pass Lalugully at 3 and Kirpilyan at 5 m. |
| | | Total marches, 5 = 51 m. | | | |

Route No. 3(a).
FROM ABBOTTABAD TO DERBAND.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | GADA . . . | 13 | 13 | A village; supplies procurable for small parties only; plentiful good water from a spring 300 yds. S.W. of C.G., site for which, for a battn., is in corn-fields to W.; road suitable for mule transport; steepest gradient 1 in 6. |
| | | SERI SHEER SHAH | 9 | 22 | A small village; few supplies procurable; water plentiful from the Siran R., on bank of which is ample space for C.G., also room to camp in fields; country mountainous; road only fit for horses and mules at a walk, much up and down hill; the river is fordable in winter, also ferry-boat; Hal is passed at 2½ and Kungora at 6 m. |
| | | LALUGULLY . . . | 16 | 37 | A village; supplies on notice; indifferent water from the Indus close by, but good water from a stream E. of village and about 400 yds. from C.G., spacious site for which is in fields to W.; country and road as above, latter steep and stony in places; pass Dadoura at 6 and Hussain Bhai at 11 m. |
| | | DERBAND . . . | 7 | 44 | See Route 3. Country and road as above. |
| | | Total marches, 4 = 45 m. | | | |

FROM ABBOTTABAD TO EDWARDESABAD.

via HARIPUR, TATAHJANG, AND KALABAGH.

| APPROPRIETOR. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commissioner of Interzila, Abbottabad. | SULTANPUR. | 10½ | 10½ | } See Route 8. |
| | | HARIPUR. | 12½ | 23 | |
| | | HATAR. | 19½ | 36½ | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | SARAI KALA 460 x 170 yds. p-o. r-s. | 8½ | 45 | A small village on the Grand Trunk Road; supplies on notice; plentiful good water from a stream ½ m. S. of C-G, which is N. of and close to village; country flat and cultivated; road metalled, bridged, and suitable for all arms; cross the Harroth R. at 3 and pass Usman at 4 m. |
| | | JOD THAIRBAITI. | 8 | 53 | A small village; supplies on notice; good but limited water from Bodra Keshallah close at hand; extensive site for C-G, anywhere in vicinity of village; country hilly in parts, but mostly level and intersected by ravines; road unmetalled, unbridged and unsuitable for artillery. |
| | | FATAHJANG 180 x 180 yds. p-o. b. | 8 | 61 | A large village; supplies procurable; plentiful good water from wells and tanks in the vicinity of C-G, which is 170 yds. S. of village; country and road as before. |
| | | KOT (GUDHA). | 11 | 72 | A large village; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is close to village; country undulating, partly cultivated, partly covered with jungle, road (seldom used by troops) as above, but suitable for all arms; pass Burj at 5 m. |
| | | THATTI. | 10 | 82 | A small village; supplies on notice; limited water from a tank close to village, near which is extensive site for C-G; country and road as above, but latter difficult when crossing nullahs; pass Darial at 4 m. |
| | | DHANDI b. | 1½ | 86 | A small village on the right bank of the Sit R., 1½ m. N-E. of Pindigheb (p-o.); supplies on notice; plentiful good water from wells and the river, on the bank of which is site for C-G, about ¼ m. W. of village; country and road as above. |
| | | NAKA 108,480 sq. yds. | 11 | 107 | A small village; supplies scarce; plentiful good water from the Sit R. and from wells, ¼ m. from which is site for C-G; country intersected by ravines; road as above; pass Chakti at 4½ m. |
| | | SHAH MUHAM- MADWALA. | 14 | 121 | A large village on left bank of the Sohan R.; supplies procurable; plentiful good water from wells, near which S. of village is extensive site for C-G; country undulating and sandy; road as above; cross the Sit R. at 1, pass Ramtha Ali Dhol at 4, cross the Sohan at 5 m. and again at end of stage. |
| | | NIKI 100 x 200 yds. | 10 | 131 | A small village; supplies on notice; plentiful good water from a nullah and a tank (in rains) close to C-G, which is S. of village; country cut up by ravines; road as above, but difficult after rains; cross the Ghabir, a dry nullah, at 7 m. |
| | | MARI 60,000 sq. yds. p-o. r-s. b. | 17 | 148 | A small village on the left bank of the Indus; supplies on notice; plentiful good water from the river, ½ m. from which is C-G; country hilly and barren; road as above. |
| | | KALABAGH 48,980 sq. yds. p-o. | 8 | 156 | A town on the right bank of the Indus; supplies plentiful; good water from the river, near which S-W. of town is C-G; country as above; road, 20 to 25 ft. wide, unmetalled, but suitable for artillery; cross the Indus at end of march by ferry of 4 boats carrying 40 men each. Time taken in crossing, in cold weather, 1 hour, in hot weather, 3 hours per trip. |
| | | KAMARMASHANI. 180 x 160 yds. p-o. | 14½ | 185½ | Two villages; supplies on notice; plentiful good water from wells in vicinity of C-G, which is just outside the villages and N. of road; country wild and much cut up by water-courses from the Indus; road fair, heavy in places, and difficult after rains; pass Jalalpur at 6, Bhodazai at 9 and Manda Kheh at 11 m. |
| | | ISAKHEH 220 x 220 yds. p-o. | 14 | 170; | A small town on the right bank of the Indus; supplies plentiful; good water from a well, a tank and the canal close to C-G, which is near tehsil; country and road as above; pass Trag (p-o.) at 5 and Kallor at 8 m. |
| | | DARRA TANG 62,930 sq. yds. | 8 | 187½ | A small sarai and police stn.; supplies on notice; good water from the Kurram R., on right bank of which and near sarai is C-G; country and road as above; cross the Kurram at end of stage; fordable, except in summer. |
| | | IAKI 190 x 190 yds. p-o. b. | 10½ | 203½ | A town; supplies plentiful; good water from wells and from the Gambila R., on right bank of which and near sarai is C-G; country and road as above; pass Jandwani at ½ m. |
| | | NAURANG SARAI. | 15 | 218½ | A sarai and police stn.; supplies on notice; plentiful good water from a well, and from canals close to C-G, site for which is N. of and near sarai; country level, open and cultivated; road unmetalled, sandy in parts, but good and bridged, except over the Gambila R. (always fordable except after heavy rains) which is crossed on stalling. |
| | | EDWARDESABAD 400 x 250 yds. p-o. t-s. b. | 16 | 234½ | A cantonment and civil stn.; supplies abundant; plentiful good water from canals and wells on C-G, which is near Fort Dalgirah; country as above; road metalled, bridged, and passable for all arms; cross the Baran stream at 10 m. |
| | | Total marches, 20 = | | | |
| | | 234½ m. | | | |

Route No. 5.
FROM ABBOTTABAD TO KOHAT.
via HARIPUR AND KHUSHALGARH.

5

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | By Commr. of Abbottabad. | SULTANPUR | 10½ | 10½ | See Route 3. |
| | | HARIPUR | 12½ | 23 | |
| | | HATAE | 13½ | 36½ | |
| | | SARAI KALA | 8½ | 45 | See Route 4. |
| | | JOD THAIRBAITI | 8 | 53 | |
| G. O. C. Punjab Frontier District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | FATAHJANG | 8 | 61 | |
| | | GAGAN 800 × 200 yds. p-o. | 9 | 70 | A small village; supplies on notice; plentiful fair water from a well on, and from a tank near, C-G, which is 8. of and close to village; country partially cultivated and jungle; road unmetalled, unbridged, and unsuitable for artillery; pass Karla at 4 m.; p-o. 1 m. E. of camp. |
| | | DHOK PELA (KAMILPUR) | 10 | 80 | A small village; supplies on notice; good but limited water from a tank 400 yds. S. of village, near which is site for C-G; country flat and cultivated; road metalled, bridged, and suitable for all arms. Chanatra r-s. is 1½ m. from village. |
| | | PIND SULTANI 200 × 230 yds. | 12½ | 92½ | A large village; supplies on notice; plentiful good water from a well and a stream near C-G, which is about ½ m. W. of village; country and road as above. Pind Sultani Road r-s. is 8 m. N. of village. |
| | | JAND 610 × 225 yds. p-o. r-s. | 12½ | 105½ | A small village; supplies obtainable; plentiful good water from a well on, and other wells in vicinity of, C-G, which is about ½ m. N. of village; country and road as before; pass Bangli at 4 m. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | KHUSHALGARH 210 × 120 yds. p-o. r-s. b. | 9 | 113½ | A large village on the right bank of the Indus; supplies on notice; water from the river; C-G. nearly opposite b.; country undulating and broken, but generally cultivated; road as above, except on each side of river, where the road is below flood-level; pass r-s. at 7, Mankur at 8 m., and cross the river at end of stage by bridge-of-boats from September to June and by ferry at other seasons. |
| | | GUMBAT 180 × 140 sq. yds. p-o. | 15 | 128½ | A large village; supplies on notice; plentiful good water from streams and wells; C-G. close to village; country undulating, stony, and barren; road as before; pass Tiliana at 8 m. |
| | | KOHAT p-o. t-s. b. | 15 | 143½ | A cantonment and small civil stn.; supplies plentiful; abundant good water from pipes laid on to C-G, which is on parade ground near chattri; country undulating and fairly well cultivated; road as before; pass Bargir Bandah at 7½ and Barogh at 11½ m. |
| | | Total marches, 18 = | | | |
| | | 143½ m. | | | |

Route No. 6.
FROM ABBOTTABAD TO MARDAN.
via HARIPUR AND TORBELA.

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | By Commr. of Abbottabad. | SULTANPUR | 10½ | 10½ | See Route 3. |
| | | HARIPUR | 12½ | 23 | |
| | | THAPLA 61010 sq. yds. | 8 | 31 | |
| | | TORBELA 350 × 350 yds. p-o. | 5 | 36 | A village on left bank of the Dore and opposite Barokot; supplies on notice; water from the river, on banks of which is space for C-G; country undulating and raviny; road, 10 to 40 ft. wide, unmetalled, but fit for guns; the Dore is fordable except after heavy rain. |
| | | TOPI 350 × 200 yds. p-o. | 12 | 48 | A small town on left bank of the Indus; supplies on notice; water from a well in thans, outside which is C-G; river about ½ m. distant; country hilly; road runs down left bank of the Dore, tolerably good and fit for guns; cross the Siron at junction with Dore, soon after leaving Thapla, and again shortly before reaching Torbela, fordable except after heavy rain; from Torbela roads run N. to Derland and S. along left bank of the Indus to Ghazi, Hazro and Attock. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Peshawar, Peshawar. | SWADI, MANEYRI 150 × 140 yds. | 12 | 60 | A fair-sized village, lying 8½ m. from right bank of the Indus; supplies on notice; abundant water from wells in and S-W. of village, a short distance from which and S. of road is C-G; country near Topi an open undulating plain; the road, at first stony and difficult for guns, runs down the left bank of the Indus, where it is commanded by low hills, which come close to the edge of the river; at about 7½ m. cross the river (150 yds. wide) by ferry, 18 boats, each carrying about 40 men, obtainable on short notice. In the rains the ferry is about ½ m. lower down; the road on the right bank is fair but stony. From Topi a road runs N-E. along right bank of the Indus to Silana, 18 m., via Kalal (a village on opposite bank to Torbela), 12 m. |
| | | | | | Two large villages; supplies on notice; 2 wells at detail would supply water for 2 regts.; C-G. outside town, to S. of road; country flat and well cultivated to S.; road fair; a shorter route available for transport, via Gaili Ismaili, leaves main road at Swabi Maneyri and joins again at Heta. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of P. Frontier, Peshawar. | ISMAILA 300 x 200 yds. p-o. | 14 | 74 | A fair-sized village, lying in an extensive plain, intersected by nullahs to the S.; supplies on notice; water from wells, of which there are several, C.G. on cultivated land S.W. of village; country well cultivated; road good, crosses two nullahs, fordable in the rain. |
| | | MARDAN 500 x 400 yds. p-o t-s b | 11 | 85 | |
| | | Total marches, 8 = 85 m. | | | A small military cantonment; supplies plentiful, abundant good water from wells in, and irrigation channels near cantonment, about 1 m. N.W. of which is C.G., good wells also in mud fort; country as above; road fair, but rather rough, crosses the Chulpani at Hoti, fordable except after very heavy rain. |
| | | | | | |

Route No. 6(a).
FROM ABBOTTABAD TO MARDAN.
via SEMI-SHER SHAH AND TORBELA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of P. Frontier, Peshawar. | GADA | 19 | 18 | See Route 6(a). |
| | | SERI-SHER SHAH | 9 | 22 | |
| | | BIR | 4 | 26 | |
| | | THAPLA | 8 | 34 | A village; few supplies procurable; water plentiful from the Siran R.; country mountainous; road, a mere pathway, fit for mules. |
| | | TORBELA | 6 | 30 | |
| | | TOPI | 19 | 51 | See Route 6. |
| | | SWABI, MANDYRI | 12 | 63 | |
| | | ISMAILA | 14 | 77 | |
| | | MARDAN | 11 | 88 | |
| | | Total marches, 9 = 88 m. | | | |

Route No. 7.
FROM ABBOTTABAD TO SHAHPUR.
via HARIPUR, TALAGANG, AND JABA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of P. Frontier, Peshawar. | SULTANPUR | 10½ | 10½ | See Route 3. |
| | | HARIPUR | 12½ | 29 | |
| | | HATAR | 13½ | 30½ | See Route 4. |
| | | SARAI KALA | 8½ | 46 | |
| | | JOD THAIRBAITI | 8 | 68 | |
| | | FATAHJANG | 8 | 81 | |
| | | DHURNAL | 14 | 76 | A small village, supplies on notice; water plentiful from wells and streams close to C.G., site for which is near village, country fairly cultivated; road fair, but much intersected by nullahs, all of which are fordable. |
| | | DULLA 48,400 sq. yds. | 14 | 80 | |
| | | RUPWAL 38,820 sq. yds. p-o. | 19 | 101 | A large village; supplies plentiful, abundant good water from wells close to C.G., site for which is near village; country level and fairly cultivated, road, 60 ft. wide, unsuitable for artillery; pass Harawal at 10 m. cross the Sohan R. immediately afterwards, and cross a branch of the river at end of stage. |
| | | TALAGANG 48,400 sq. yds. p-o. | 11 | 112 | |
| | | KITOLI | 11 | 123 | A small town; supplies plentiful; abundant good water from wells in vicinity of C.G., site for which is close to village, country and road as before; cross the Gabur R. about half-way. |
| | | | | | |

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Shahpur, Shahpur. | JABA . . . | 11 | 184 | A small village; supplies on notice; plentiful good water from 8 wells near C-G., site for which is near halting place; country hilly and well cultivated; road as above, but level and only 11 ft. wide. |
| | | SODHI . . . b. | 9 | 148 | A small village; supplies on notice; plentiful good water from a stream near C-G., site for which is near halting place; country and road as above. |
| | | KATHWAI . . . b. | 8 | 161 | A small sarai on the top of the salt range; supplies on notice; good water, for a battn., from a well at halting place; C-G. close to sarai; country as above; road as before, but uphill for the first 6½ m.; cross a nullah (strongly bridged) at end of stage. |
| | | NARIWALA . . . b. | 6 | 167 | A sarai; supplies on notice; plentiful good water from a tank which is close to sarai and supplied by a channel from the hills; cramped site for C-G. near tank; country hilly at first, then flat; road 18 ft. wide, unmetalled, uphill for the first mile and afterwards down hill to the plains; pass Rahmatwala at 5 m. |
| | | KHUSHAB . . . 112,200 sq. yds. p-o. t-s. r-s. b. | 19 | 160 | A town on the right bank of the Jhelum R.; supplies procurable; plentiful good water from tanks and the river, ½ m. from which and W. of town is C-G.; country flat and cultivated; road unmetalled, good in dry weather, but liable to inundation. |
| | | SHAHPUR . . . 250,520 sq. yds. p-o. t-s. b. | 8 | 177 | A small civil sta.; supplies procurable; plentiful good water from wells and the river; C-G. S-E. of and close to sta.; country as above; road unmetalled, but good and suitable for wheeled traffic; cross the Jhelum below Khushab by bridge-of-boats in winter, by ferry of 5 boats carrying 80 men each in summer, and pass Shahpur city at 5 m. |
| | | Total marches, 17 = 177 m. | | | |

Route No. (7a).
FROM ABBOTTABAD TO SHAHPUR.
 via HARIPUR, HASAN ABDAL, CHAUNTRA, AND CHAKWAL.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Jhelum, Abbottabad. | SULTANPUR . . . | 10½ | 10½ | } See Route 3. |
| | | HARIPUR . . . | 12½ | 23 | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | DHEDAR . . . 820 × 370 yds. | 8½ | 31½ | A small village; supplies on notice; good water, for a battn., from 2 wells on and near C-G., which is W. of and close to road; country flat and cultivated; road metalled, bridged, and suitable for all arms; pass Paunach at 5 m. |
| | | HASAN ABDAL . . . | 12 | 43½ | See Route 206. |
| | | JHANG . . . | 11 | 54½ | Country as before, hilly on E. side; road as above. |
| | | FATAHJANG . . . | 10 | 64½ | A small village; supplies on notice; plentiful but indifferent water from 2 wells and a spring; extensive site for C-G. S-W. of village; country hilly and partially cultivated; road unmetalled, bad, and impracticable for artillery as far as Pind, which is passed at 4 m.; after Pind the road improves. |
| | | MALIAL . . . 800 × 600 yds. | 12 | 76½ | See Route 4. |
| | | MAJAT . . . 900 × 400 yds. | 11 | 87½ | Country rocky and barren; road unmetalled, bad, and impracticable for artillery for first 5 m., after which it improves; cross the Bahudra at 1½ and the Nandna at 3½ m. |
| | | CHAUNTRA . . . 1,000 × 250 yds. p-o. | 11 | 98½ | A large village; supplies procurable; good but limited water from one well near village, close to which is site for C-G.; country as above; road as in latter part of last stage. |
| | | SARKAL . . . 38,720 sq. yds. | 16 | 114½ | A village; supplies on notice; plentiful good water from wells and the Sil R., on right bank of which is site for C-G.; country and road as above. |
| | | CHAKWAL . . . 200 × 200 yds. p-o. | 16 | 130½ | A large village; supplies on notice; good water from the river, on bank of which is site for C-G.; country flat and cultivated; road as above; cross the Sil on starting and the Sohan at end of stage, both by fords, latter impassable during rains, though the water subsides quickly. |
| | | DHOK TALIAN . . . 48,400 sq. yds. | 18½ | 144 | A large village; supplies plentiful; good but limited water from wells and the nullah bed close to C-G., which is W. of village; country as before; road unmetalled, rough, and stony, unsuitable for artillery; cross the Vadala R. at 5 m. |
| | | OHOYA-SAIDAN-SHAH . . . p-o. | 7 | 161 | A small town; supplies plentiful; good but limited water from 2 wells close to C-G., which is N. of town and close to tehsil; country and road as above. |
| | | PIND-DADAN-KHAN . . . 98,800 sq. yds. p-o. t-s. r-s. | 18½ | 164½ | A very small village; supplies on notice; good but very limited water from the bed of the nullah, close to which and W. of village is site for C-G.; country undulating and partially cultivated; road unmetalled, but good and practicable for all arms; cross the Banhar R. (bridged) at 8 m. |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhelum, Jhelum. | MIANI . . . 90,000 sq. yds. p-o. b. | 7½ | 171½ | A large village; supplies plentiful; abundant good water from springs and from a stream running through village, near which is site for C-G.; country as before; road as above, but steep and difficult for camels, crossing the salt range. Roads branch off from here to Jhelum and Talagang. |
| | | | | | A large town on the right bank of the Jhelum; supplies plentiful; good water from the river, about 4 m. from which and N. of town is site for C-G.; country well cultivated; road hilly, but good and suitable for all arms; pass Khewra r-s. at 5 m. |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Shahpur, Shahpur. | | | | A small town; supplies abundant; plentiful good water from canals (in the hot weather) and from wells near C-G., which is 300 yds. S. of town; country as before; road as above, but in parts under water during the rains; cross two branches of the Jhelum on starting (of which the second is nearly always fordable in the dry season) by ferry; between the two lies a cultivated island. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|---|--|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi. District, Rawal Pindi. | Deputy Commissioner of Shikhar, Shikhar. | DHERA 128,000 yds. p-o. r-s. b. | 9 | 180½ | A large town; supplies plentiful; abundant good water from wells near C-G, which is ½ m. N-W. of town; country and road as before, latter subject to inundation in the rains. |
| | | OHAK-BAMIDAS 160,000 sq. yds. p-o. b. | 11 | 191½ | A village; supplies on notice; plentiful good water from wells near C-G, which is 1 m. S-W. of town; country and road as above; pass Shekhpur at 5 m. |
| | | JITAWARIAN 181,470 sq. yds. p-o. b. | 8½ | 200½ | A large village; supplies on notice; plentiful good water from canal (in hot weather) and wells near C-G, which is about ½ m. N. of village; country and road as before; pass Kahur at 4 m. |
| | | SHAHPUR | 11 | 211½ | See Route 7. Country as before; road metalled for the last 2 m. only. |
| | | Total marches, 19 = 211½ m. | | | |

Route No. 8.
FROM ABBOTTABAD TO SRINAGAR.
via GURHI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Poonch Frontier Force, Abbottabad. Resident in Kashmir, Srinagar. Kashmir Territory. | Dr. C. Mar. of Hissar, Abbottabad. | MANSABRA | 16 | 16 | See Route 1. |
| | | GURHI b. | 18 | 34 | A village on left bank of the Kunar R.; supplies procurable; water plentiful from the river; ample space for the encampment of troops; road unmetalled, 10 to 40 ft. wide, passable for wheeled transport, generally level, except portions near nullahs which are 1 in 12; a suspension bridge over the Kunar suitable for camels; b. on right bank of the river at bridge. |
| | | MUZAFFARABAD p-o. b. | 12 | 46 | A town situated above the left bank of the Kisban Ganga; supplies and water plentiful; encamp a little beyond the town on the banks of the river; country hilly without cultivation; road fair, but stony in parts, ascending the Dabnulli pass, then descending gradually to the banks of the Kisban Ganga along the bed of a mountain torrent; the river is crossed a little distance above the fort; the b. is on the Jhelum bank below the town; elevation 2,470 ft.; a wire suspension bridge, capable of bearing camels, spans the Kisban Ganga, and a temporary suspension bridge over the Jhelum connects with the Jhelum Valley Road. |
| | | HATTIAN b. | 17 | 63 | A small village at the foot of the mountains; supplies procurable; water abundant; C-G. on the banks of the Jhelum, which is crossed by a rope suspension bridge opposite the village; in the first-half of the march there are three or four rather steep and rough places, but the remainder is tolerably level, though occasionally rough; the Kisban Ganga flows into the Jhelum rather more than a mile to the S. of Muzaffarabad, and thence the road continues along the right bank of the latter river and is entirely commanded by the mountains on the left; b. is on the bank of the Jhelum. |
| | | KANDA b. | 11 | 74 | A very small village; supplies procurable; water plentiful; C-G. small; the road is very undulating, but the ascent and descents, though mostly rough, are not usually steep; about 3 or 4 m. from Hattian there is a very steep and rough descent to a stream, and there are two or three other descents within about 4 m. of Kanda; in the latter-half of the march the road from Muzaffarabad may be seen passing along the opposite bank of the river and the two continue parallel to each other nearly all the way to Baramulla. |
| | | KATHAI | 12 | 86 | A small village on an open plateau high above the river, with a mud fort just beyond; supplies procurable; water plentiful; C-G. 1 mile W. of fort; road rough, with two or three rather steep places, one at about 4, and another at about 8 m.; these lead down to mountain streams which are bridged. |
| | | SHADRA b. | 12 | 98 | A small village similarly situated to Kathai; supplies procurable; water plentiful; C-G. at a fukar's tomb ½ m. from Shadra; road as in last stage; near the 4th m. there is a waterfall, and between the 6th and 8th m. there are three or four deep ravines, where the road is rather rough and steep. |
| | | GINGLA | 14 | 112 | A small village situated in a little plain above the river where the valley is very narrow; supplies and water procurable; country hilly without much cultivation; in the first-half of the march there are three or four dips, but these are neither rough nor steep, and the other half of the road is mostly smooth and level; there is a ruined ruin about half-way, and just before reaching it the village and fort of Uri are visible on the opposite bank of the Jhelum; there is a rope-bridge over the river just beyond the fort. |
| | | BARAMULLA p-o. b. | 19 | 131 | A small town situated on the right bank of the Jhelum, which here becomes navigable; supplies procurable; water plentiful; C-G. on the left bank of the river; road good; for the last 13 m. it is smooth and tolerably level along the bank of the river; it then ascends and runs through a short and narrow pass, and descending to the plains leads again to the right bank of the Jhelum, which is crossed at the end of the march. |
| | | PATAN | 16½ | 147½ | A village; supplies and water plentiful; country level, open and marshy; road good. |
| | | SRINAGAR p-o. b. | 17½ | 165½ | A large town, the capital of Kashmir, elevation about 5,200 ft.; supplies and water abundant; country level, open and tolerably cultivated; road good; cross nullahs at 2½ and 4½ m., and the Jhelum at the end of the march; water-works completed in 1890; the town of Srinagar is situated on both banks of the Jhelum connected by seven wooden bridges. |
| | | Total marches, 11 = 164½ m. | | | |

Route No. 9. FROM AGRA TO ALIGARH.

via HATHRAS.

9

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | KHANDAULI 400 x 550 yds. p-o. b. | 12½ | 12½ | N.B.—Distances taken from Agra Camp—2½ m. less from City. A village; supplies on notice; plentiful fair water from 3 wells, one on, and the others close to C.G., which is W. of road and ½ m. N. of village; country cultivated and open; road metalled and bridged; cross the Jumna under the walls of the fort. |
| | | SADABAD 385 x 350 yds. p-o. b. | 9½ | 21½ | A good-sized village; supplies abundant; plentiful good water from wells; C.G. W. of road and ½ m. from village; country well cultivated and slightly wooded; road metalled and good; nullahs bridged; pass Giga at 4 and Guranthi at 6 m.; at 8½ m. a metalled road runs to Mattra, 24 m. distant, and at 9 m. a metalled road runs to Jalehar Road r-s., 9 m. distant. |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh. | HATHRAS 570 x 470 yds. p-o. t-s. r-s. | 6½ | 30½ | A large town; supplies abundant; water from wells brackish, but abundant; C.G. 1 m. S. of town, close to road, and has a good well; country, road and nullahs as above; pass Bisam at 2½, Chandpala at 6 and Mitai at 7½ m. |
| | | SASNI 400 x 300 yds. p-o. | 8½ | 39½ | A fair-sized town; supplies and water abundant; C.G. S. of, and near entrance to the town; country and road as above; at 2 m. cross the road between Mattra and Hathras junction, Mattra 23 m. W. and Hathras junction 4 m. E. |
| | | ALIGARH | 14½ | 53½ | See Route 260. Country and road as above; pass Saesbat at 4, Mandrak at 6½, Parholi at 10, road to Mattra at 12, join the Grand Trunk Road at 12½ m., after which pass through E. end of the large city of Koil, and then through civil stu.; there is an old fort about ½ m. from camp. |
| | | Total marches, 5 = 53½ m. | | | |

Route No. 10. FROM AGRA TO BATESAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------|--|-----------|--------|---|
| MILITARY. | CIVIL. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | KHUNDOL . . . | 10 | 10 | A village; supplies on short notice; good water, for a batin, from a well 20 yds. S. of the 10th mile-stone; water from other wells very indifferent; site for C.G. on a large open meadow at 10½ m., S. of road; country open and cultivated; road metalled and bridged. |
| | | FATEHADAD p-o. b. | 11½ | 21½ | A village; two to three weeks' notice required for supplies; plentiful good water from a well in b. compound, and (for animals) from another well ½ m. beyond C.G., site for which is on both sides of the road; country as above; road mostly metalled. |
| | | BHADRAULI . . . | 13½ | 35 | A small village; supplies on notice; water from 3 wells, one on roadside fit for animals only, near C.G., which is small; country as before; road unmetalled and heavy for carts; cross the Pangunga R. at about 4½ m., by ford in dry season, by ferry in the rains. |
| | | BATESAR . . . 550 x 350 yds. p-o. | 8½ | 43½ | A village about 11 m. S. of Shikolabad r-s. and on right bank of the Jumna, where a large horse fair is held annually; supplies procurable; plentiful good water from many wells in vicinity of C.G. which is 500 yds. W. of village; country fairly level; road as above, turns N. at 3½ m. and passes the village of Phatera. |
| | | Total marches, 4 = 43½ m. | | | |

Route No. 11. FROM AGRA TO BIHARATPUR.

via ACHNERA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | ACHNERA 220 x 170 yds. p-o. t-s. r-s. b. | 16½ | 16½ | A village; supplies on notice; plentiful good water from wells in vicinity of C.G., which is one furlong W. of village and N. of road; country fairly cultivated; road metalled, runs through Shahganj at 3 and branches to W. at 3½ m.; cross canals at 0½ and 9½ m. by bridges and pass Raiba at 12½ m. |
| | | CHIKSANA t-s. at Ikran r-s. | 7½ | 23½ | A small village; supplies on notice; plentiful good water from wells near C.G., spacious site for which is S. of road, but would require clearing; country and road as above; enter Bharatpur territory at about 6½ m. |
| G. O. C. Meerut District, Meerut. | Tot. Agent, Eastern States, Rajputana, Dholpur. | BHARATPUR 700 x 350 yds. p-o. t-s. r-s. | 9 | 31½ | A town; supplies plentiful; abundant good water from wells, and (for animals) from a large tank in vicinity of C.G., which is 160 yds. S. of road and about 1½ m. from the r-s.; country and road as above; pass Nagla-ka-sarai at 6 and Bhoahon at 6½ m. |
| | | Total marches, 3 = 31½ m. | | | |

FROM AGRA TO BUDAUN.

via HATHRAS, SIKANDRA-RAO, KASGANJ, AND KACHLA GHAT.

| AUTHORITY. | | Names of stages and area of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Multan, Agra, Agr. | KHANDAULI | 12½ | 12½ | See Route 9. |
| | | SADABAD | 9½ | 21½ | |
| G. O. C. Meerut District, Meerut. | Collector of Multan, Agra, Agr. | HATHRAS | 8½ | 30½ | A village; supplies procurable; plentiful good water from a well on C-G.; country open and well cultivated; road raised, metalled, bridged and fit for all arms; pass Soltman at 2, Hathras Junction at 5 and Kailora at 7½ m. |
| | | SALEMPUR 620 × 430 yds. | 10½ | 41½ | |
| | | SIKANDRA-RAO | 10½ | 51½ | |
| | | MOHANPUR 68,000 sq. yds. p-o. | 10 | 61½ | |
| G. O. C. Tehsil District, Meerut. | Collector of Etah, Etah. | KASGANJ 260 × 250 yds. p-o. t-s. r-s. | 10½ | 71½ | A large town; supplies plentiful; abundant good water from wells on C-G., which is E. of road and S. of town; country level, open and well cultivated; road as above; pass Rampur at 3½, Agrali at 7 and Dokarya at 9 m. |
| | | SORON 66,000 sq. yds. p-o. t-s. r-s. | 8½ | 79½ | |
| | | KACHLA 11,050 sq. yds. p-o. b. | 8 | 87½ | |
| | | UJHANI 13,860 sq. yds. p-o. b. | 10½ | 97½ | |
| G. O. C. Tehsil District, Meerut. | Collector of Budaun, Budaun. | BUDAUN 370 × 370 yds. p-o. t-s. b. | 6½ | 106½ | A city and small civil sta.; supplies plentiful; abundant good water from 2 wells on C-G., which is near the Bareilly road, and about 1 m. N. of the city; animals may be watered at the Soto R., 1 m. W.; country open and cultivated; road as above; pass Sarauhi at 2½ and cross the Soto R. at 6½ m. |
| | | Total marches, 11 = 106½ m. | | | |

Route No. 13.

FROM AGRA TO DELHI.

via MUTTRA, HODAL AND PALWAL.

| AUTHORITY. | | Names of stages and area of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra, Agra. | BANKATTA 450 × 410 yds. | 9½ | 9½ | A village, supplies on notice; plentiful fair water from 3 wells near C-G., which is N. of road and E. of village; country level, open and well cultivated; road metalled and bridged. |
| | | FARAH 80,490 sq. yds. p-o. b. | 9½ | 19½ | |
| G. O. C. Meerut District, Meerut. | Collector of Muttra, Muttra. | MUTTRA 116,100 sq. yds. p-o. t-s. r-s. b. | 12 | 31½ | A small cantonment and civil sta., situated on right bank of the Jumna; supplies and water (latter from wells) plentiful and good; C-G. W. of road; country ravine with partial cultivation; road as above; pass Baran at 4½, Bad at 8 and Auranabad at 10½ m. |
| | | JAIT 480 × 410 yds. p-o. | 11½ | 43½ | |
| | | CHATA 360 × 360 yds. p-o. b. | 11½ | 54½ | |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Gurgoon, Gurgoon. | HODAL 88,700 sq. yds. p-o. t-s. b. | 14½ | 09½ | A small town; supplies and water easily procurable; C-G. fair, on right-hand side of road and 7 furlongs N. of town; a well with good water and troughs for watering animals on the ground; country fairly cultivated; road, metalled, in good condition. |
| | | DHAMANIKHERA 130,420 sq. yds. b. | 14½ | 83½ | A small village; supplies must be collected; good water from a well on C-G., which is on left-hand side of road, 1½ furlong S. of village; country and road as before; pass Danehari at 2½, Karthala at 6½ and Mitraol at 9½ m. |
| | Dy. Commr. of Delhi, Delhi. | DAGHAULA 168,050 sq. yds. | 10½ | 93½ | A village; supplies procurable from surrounding villages on notice; water from wells on C-G., which is on left of road, ½ m. S. of village; country and road as above; pass Falwal at 6 m. |
| | | BALLABGARH 145,000 sq. yds. p-o. t-s. | 10 | 103½ | A moderate-sized town with fort; supplies and water abundant; the latter obtained from a well on C-G., which is W. of road, opposite town; country and road as before; a rocky ridge runs from here to Delhi, chiefly on W. of road. |
| | | BADARPUR 100,030 sq. yds. p-o. | 11 | 114½ | A small town; supplies on notice; plentiful good water from a well close to C-G., which is W. of road, about ½ m. S. of town; country and road as above; a metalled road runs from here to the Kutab. |
| | | DELHI | 12½ | 127½ | See Route 266. Country well cultivated; road as above, passing by the old city of Delhi. |
| | | Total marches, 11 = 127½ m. | | | |

Route No. 14.

FROM AGRA TO DEOLI as far as BHARATPUR, *see Route 11*
(for remainder, *see Bombay Route Book No. 202*).

Route No. 15.
FROM AGRA TO ETAWAH.
via SHIKOHABAD AND JASWANTNAGAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra, Agra. | ITIMADPUR. 400 x 470 yds. p-o. r-a. b. | 18½ | 13½ | A town; supplies on notice; plentiful good water from wells in vicinity of O-G, which is 3 furlongs W. of town; country cultivated and open; road metalled and bridged; the Jumna is crossed on starting. |
| | | FIROZABAD. 780 x 815 yds. p-o. t-a. r-a. b. | 18½ | 26½ | A town; supplies on notice; abundant good water from wells in vicinity of O-G, which is 3 furlongs W. of town; country and road as above; pass Harasrampur at 6½ and Raja-la-Talao at 10½ m. |
| | | SHIKOHABAD. 410 x 380 yds. p-o. t-a. r-a. b. | 11½ | 38½ | A town; supplies abundant; plentiful good water from wells and a canal, on bank of which is O-G; country well cultivated; road as above; pass Kunceta at 3½ and Makhampur at 6½ m. |
| G. O. C. Meerut District, Meerut. | Colr. of Meerut, Meerut. | MOLIDAR-KI-SARAI. 86,100 sq. yds. | 10½ | 48½ | A small bazar; supplies procurable from the neighbouring village of Siraganj 3 m. distant, in large quantities; water from wells all round O-G, which is on road close to bazar; country as above; road metalled as far as Siraganj, which is passed at 7 m.; remainder unmetalled, general width 27 ft; nullahs bridged; pass Nowshera at 1, Dairi at 3 and Omri at 4½ m. |
| | | JASWANTNAGAR. 91,120 sq. yds. p-o. t-a. r-a. | 11 | 50½ | A small town; supplies plentiful; abundant water from 2 wells close to O-G, which is on road near town; country as above; road unmetalled, difficult for wheeled artillery, being sandy in places and very uneven, bridged throughout; cross the Suran en route, pass Gurao at 4½, Marnai at 7, and Phaleri at 10½ m. |
| | | ETAWAH. 88,750 sq. yds. p-o. t-a. r-a. b. | 9½ | 68½ | A small civil stn. and old cantonment; supplies and well water abundant; one good well across the road opposite O-G, which is 1½ m. N-W. of r-a.; country as above; road metalled for last 5 m., rest unmetalled, but bridged and fit for all arms; pass Kot at 1 and Isa at 6½ m. The town of Etawah is situated 1 m. E. of the left bank of the Jumna and about the same distance S. of the r-a. |
| | | Total marches, 6 = 68½ m. | | | |

Route No. 15(a).
FROM AGRA TO ETAWAH.
via THE RIGHT BANK OF THE JUMNA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra, Agra. | KHUNDOL | 10 | 10 | See Route 10. |
| | | FATEHABAD | 11½ | 21½ | |
| | | BHADRAULI | 18½ | 25 | |
| | | BAH 8,800 sq. yds p o. b. | 7½ | 42½ | A tahsil; supplies on 3 weeks notice; plentiful water from 3 wells near C-G., site for which is S. of tahsil, 100 yds from road; water in one well fit for animals only; country open and cultivated; road unmetalled. |
| | | GURVAH PARTAD. PUR 8,200 sq. yds | 14 | 56½ | A village; supplies on 4 weeks notice; good water from a well W. of, and (for animals) from another well E. of site for C-G., which is S. of road; country as above, road unmetalled and heavy for carts; pass Jaitpur at 7½ m.; at 11 m. a road branches off S.E. and another road, to Etawah, N.E. |
| G. O. C. Meerut Dist., Meerut. | Collr. of Etawah, Etawah. | BURPURA | 12 | 68½ | A village; supplies on notice; water very scarce from wells; no regular C-G. but space available for any number of troops, the country being flat and open; road about 27 ft. wide, unmetalled and heavy. |
| | | ETAWAH | 10 | 78½ | See Route 15. Country well cultivated; road unmetalled up to the Jumna R., which is crossed at 7 m., by pantoon bridge in dry weather, by ferry (3 boats, each carrying 160 men) in the rains; thence metalled and 30 ft. wide. |
| | | Total marches, 7 = 78½ m. | | | |

Route No. 16.
FROM AGRA TO FATEHGARH.
via SHIKOHABAD AND DEWAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra, Agra. | ITIMADPUR. | 18½ | 18½ | See Route 15. |
| | | FIROZABAD. | 18½ | 26½ | |
| | | SHIKOHABAD. | 11½ | 38½ | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Meerut. | AROUN. 210,610 sq. yds. | 10 | 48½ | A large village; supplies procurable; abundant water from a well on O-G, which is close to road; country and road as before. |
| | | BIRGHAI. 89,210 sq. yds. | 10½ | 58½ | A village; supplies and water procurable; 1 well on O-G; country and road as above; pass Bharwal at 8½ and Ghirar at 6½ m. |
| | | MAINPURI. 78,170 sq. yds. p-o. t-a. b. | 12½ | 71½ | A small civil stn. and old cantonment; supplies and water in abundance; O-G, close to b.; country and road as above; pass the town of Mainpuri at 0 and cross the Ewan (bridged) at 11 m. |
| | | DEWAR. | 14½ | 85½ | See Route 269. Country and road as above; at Bhongon (7 m.) the Grand Trunk Road is joined. |
| | | | | | |

| ACTIVITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Furruckabad, Fatehgarh. | MUHAMMADABAD 225 x 150 yds. p.o. | 11 | 06½ | A village; supplies procurable; good water, for a battn., from a well N-E. of C-G., which is S. of village; country open and fairly well cultivated; road metalled and bridged, fit for all arms; cross canal at 2, Kali Nadi (iron girder bridge) at 3, Ugarpur at 5, and Khitaspur at 7 m. |
| | | FATEHGARH 1,060 x 760 yds. p.o. t-s. r-s. b. | 19 | 109½ | A cantonment and civil stn.; supplies abundant; plentiful good water from wells in vicinity of C-G., which is S-E. of the British Infantry lines; country and road as in last stage; pass Sakwai at 4, and a metalled and bridged road to Furruckabad at 8 m. |
| | | Total marches, 0 = 109½ m. | | | |

Route No. 17.
FROM AGRA TO JHANSI.
via DHOLPUR, GWALIOR AND DUTTIAH.

| ACTIVITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Pol. Asst., Eastern States, Jhansi, Agra, Dhoolpur. | TEHRA 700 x 200 yds. | 10½ | 10½ | A village; supplies on notice; good water from a well on W. edge of, and (for animals) from another well on S. edge of C-G., which is E. of road and N-W. of village; country level, open and well cultivated; road metalled and bridged; pass Kakua at 8, cross the Khari Nadi at 11 and a dry nullah at 12 m. |
| | | MANIA 450 x 350 yds. p.o. t-s. r-s. b. | 12½ | 23½ | A village; supplies on notice; good water from several wells near C-G., which is W. of road at 2½ m.; country level, sandy and cultivated; road as above; cross the Dargunja en route. |
| | | DHOLPUR 120,680 sq. yds. p.o. t-s. r-s. b. | 9½ | 32½ | A large town; supplies on notice; plentiful good water from wells close to C-G., which is at 3½ m.; country and road as above. |
| | | DEORI 400 x 400 yds. b. | 11½ | 43½ | A small village; limited supplies on notice; good water from a well and the Koari R., 350 yds. N. of which and E. of road, is C-G.; country ravine and barren near the Chambal; road as above; cross the Chambal at 2 m., by bridge-of-boats in dry season, by ferry in rains; there is a ford at Kairi, 4 m. up stream, in hot weather. |
| | | NURABAD 400 x 400 yds. b. | 12½ | 56½ | A fair-sized village; supplies procurable; good water, for about 1½ battns., from a well N. of C-G., which is W. of road and ½ m. S. of village; country ravine near rivers, otherwise flat and cultivated; road as above; cross the Koari on starting, pass Johra at 4, cross the Asan R. at 7, and the Sank at 12½ m. |
| | Resident at Gwalior, Gwalior. | GWALIOR RESIDENCY 400 x 400 yds. p.o. t-s. b. | 10 | 66½ | A good-sized village E. of the old ruined Residency; supplies easily procurable; good water, for 2 battns., from a well on C-G., which is W. of road and under the Residency; country fairly level and mostly cultivated; road as above; cross the road to Morar at 4 m. Morar R-s. is 3½ m. distant. For a road from Gwalior to Mhow, see Bombay Route Book No. 226. |
| | | KOTA-KI-SARAI 200 x 180 yds. b. | 10 | 76½ | A small village; supplies should be obtained from Gwalior; plentiful good water from a well near b. and 160 yds. S. of C-G., which is E. of road; road as above, passing under N-E. corner of Gwalior Fort; pass the road to Sipri at 3½ and cross the Morar R. at 9½ m. |
| | | MAKORA 450 x 160 yds. b. | 9½ | 85½ | A small village; limited supplies on notice; good water from a well near b., and (for animals) from a stream 100 yds. N. of C-G., which is W. of road and N. of village; Antri R-s. distant 1½ m.; country for the most part barren, jungle covered hills from 4 to 7 m., afterwards fairly flat, but cultivated only round villages; road as above; pass Tounsi at 7½ m. |
| | Political Agent in Bundelkhand, Norgaon. | DUBRA 275 x 275 yds. p.o. t-s. r-s. b. | 11½ | 97½ | A large village; supplies on notice; plentiful good water from a well in centre of C-G., which is W. of road; country flat and well cultivated; road as above; pass Samundari at 6½ m. |
| | | OPRAI 65,340 sq. yds. | 10 | 107½ | A good-sized village; supplies on notice; good water from a well on C-G., which is level and dry; country ravine, cultivated in places; road metalled, bridged and in good condition; cross the Sind R. at 4½ m., on rough pile bridge, available from December to the rains, at other times by 2 boats and a large. |
| | | DUTTIAH 85,910 sq. yds. p.o. t-s. r-s. b. | 10½ | 117½ | A small walled town with fort; supplies plentiful; water from one well on, and others near C-G.; country cultivated at first, afterwards jungle with low hills; road as above. |
| | Dg. Commr. of Jhansi, Jhansi. | AMBADAI 48,740 sq. yds. p.o. r-s. | 7½ | 124½ | A good-sized village; supplies on notice; good water from one well on, and others near C-G., which is close to road and village; country level with hills in places, chiefly jungle; road as above. |
| | | JHANSI p.o. t-s. r-s. b. | 9 | 133½ | A large walled city with fort; large cantonment and civil stn.; supplies abundant; plentiful good water on all C-Gs., of which there are several; country undulating, jungle and rocky; road as above; cross the Pahoj at 8½ m.; a metalled road to Jhansi City branches off at 6 m. |
| | | Total marches, 19 = 133½ m. | | | |

Route No. 18.

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (2)).

via DHOLPUR

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | Collector of Agra, Agra. | TEHRA . . . | 10½ | 10½ | Note.—Preferable to other routes although longer, as the road is metalled for 84 m., and only one river has to be crossed; railway also as far as Dholpur. See Route 17. |
| | | MANIA . . . | 12½ | 22½ | |
| | | DHOLPUR . . . | 9½ | 32½ | |
| G. O. C. Meerut District, Meerut. | Collector of Bapatnagar, Dholpur. | BARI 600 × 480 yds. p-o. | 19 | 51½ | A town; supplies plentiful; abundant good water from 2 wells close to C.G., which is ½ m. W. of town and near the state gardens; road metalled at first, afterwards a mere cart track, very rough, sandy and heavy in places; seven nullahs are crossed besides the Garhi Sandra R., at 10 m., fordable in dry season, difficult to pass in heavy rain; pass Bijoli at 18 m. |
| | | Total marches, 4 = | | 51½ m. | |

Route No. 18 (a).

FROM AGRA TO KARALI as far as KANUA (for remainder, see Bombay Route Book No. 218).

via FATEHPUR-SIKRI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | Collector of Agra, Agra. | MIRKAKUR . . . | 10½ | 10½ | A large village; supplies on short notice; plentiful good water from several wells near C.G., site for which is S. of road near police station; country cultivated and open; road metalled and bridged; canal crossed at 6½ m. |
| | | FATEHPUR-SIKRI 270 × 26 sq. yds. p-o b. | 11½ | 21½ | A town; supplies on notice; very indifferent water from wells near C.G., site for which is at S.W. entrance to Fort on S. of road; country and road as above; canal crossed at 4 m. |
| | | KANUA . . . | 8 | 29½ | A large village; supplies on notice; water from wells near C.G., site for which is S. of village on partly cultivated land; road metalled for 7 furlongs, then passes through bazar and is paved up to 1½ m., when it becomes unmetalled, and very rough up to 2½ m., where the remains of an old bridge and the village of Mandi are, thence the road is sandy and heavy for carts at all times; pass Dabur at 4½ m., and enter Bharatpur territory at 6½ m. |
| | | Total marches, 3 = | | 29½ m. | |

Route No. 18 (b).

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (1)).

via SIPAO.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | Collector of Agra, Agra. | TEHRA . . . | 10½ | 10½ | See Route 17. |
| | | SIPAO . . . 80,000 sq. yds. p-o. | 21 | 31½ | |
| G. O. C. Meerut District, Meerut. | Collector of Bapatnagar, Dholpur. | BARI . . . | 14 | 45½ | A town; supplies procurable on notice; abundant good water from wells near C.G., which is N. of town; more ground available on N.E. of town, if required; road is metalled until 20th m., where it leaves the trunk road and leads by a mere foot track through several villages; crosses the Pabhati R. at 6½ m. by a ford passable in the dry season. See Route 18. Country hilly; road very rough and stony and hardly fit for carts. |
| | | Total marches, 3 = | | 45½ m. | |

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218(3)).

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | TEHRA . . . | 10½ | 10½ | See Route 17. |
| | | MANIA . . . | 12½ | 23½ | |
| | | SIPAO . . . | 11½ | 35 | |
| G. O. C. Meerut District, Meerut. | Political Agent Eastern States, Rampur, Dhulpur. | BARI . . . | 14 | 49 | Trunk road left at 25½ m.; cart track runs E. immediately after passing police stn. and at 2 m. crosses the Parbat R. by a ford in dry season; pass Kollari at 7 m. NOTE.—By an alternative route, Sipao could be reached in two marches via Jajnah near Saljan r.s., 18 m. from Agra camp; road metalled; C.G. near ry.; supplies easily collected; thence to Sipao, road as above through Mania, 13½ m. See Route 18 (b). For other remarks, see Route 18. |
| | | Total marches, 4 = | | 48 m. | |

Route No. 18(d).

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (4)).
via KAGEROLE AND KHAIRGARH.

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | KAGEROLE . . . | 10½ | 10½ | NOTE.—This route is suitable for cavalry, but the road is too heavy for carts up to Kagerole. A village; supplies on notice; abundant good water from 8 wells in vicinity of C.G.; extensive space for which is on both sides of road, 3 furlongs 6. of village; country cultivated and open; road sandy and heavy; cross the canal at 6½, 7½ and 10½ m. by masonry bridges. |
| | | SIPAO . . . | 16 | 32½ | |
| | | BARI . . . | 14 | 46½ | |
| G. O. C. Meerut District, Meerut. | Political Agent Eastern States, Rampur, Dhulpur. | Total marches, 3 = | | 46½ m. | Country open and little cultivated and could be passed over rapidly in open formation; road to Sipao leaves the main road at 16½ m. and runs due S., fair for carts, although unmetalled, passes through Khairgarh at 5 m. and then crosses the Banganga R. by ford in dry season, by small ferry-boat in the rains; road then becomes a cart track, difficult to follow in the dark. See Route 18 (b). For other remarks, see Route 18. |

Route No. 19.

FROM AGRA TO MHOW as far as MAKSEE (for remainder, see Bombay Route Book No. 221).

via DHOLPUR, GWALIOR, SIPRI, GOONA, DIAORA AND SARANGPUR.

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra. | TEHRA . . . | 10½ | 10½ | See Route 17. |
| | | MANIA . . . | 12½ | 23½ | |
| | | DHOLPUR . . . | 9½ | 33½ | |
| | | DEORI . . . | 11½ | 45½ | |
| | | NURABAD . . . | 12½ | 58½ | |
| | | GWALIOR RESDY. | 10 | 68½ | |
| | | NAIGAON . . . | 13½ | 82½ | |
| G. O. C. Meerut District, Meerut. | Political Agent Eastern States, Rampur, Dhulpur. | 400 × 400 yds. b. | | | A small village; supplies from Gwalior; good water, for a battn, from a well 100 yds. from C.G., which is 280 yds. N-E. of village, where there is another well; country scantily cultivated; road metalled and bridged, crossing over low hills here and there; pass the road to Morar at 1½ m. |

TOTAL 82 m.

| AUTHORITY. | | Names of rivers and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | SHAJAPUR . 600 x 800 yds. p-o. b. | 17 | 310½ | A large town; supplies abundant; good water from 8 wells close to C-G., which is on the further side of the Tilar Nadi, near the p-o.; country cultivated with occasional jungle; road as above; cross the Kali Sind on starting, by a causeway in dry season, by ferry (1 boat carrying 16 men) in the rains, then ascend gradually for about 11 m., thence level crossing the Tilar (bridged) at end of stage. |
| | | MAKSEE . 200 x 160 yds. p-o. r-s. b. | 14½ | 331½ | |
| | | Total marches, 30 = 331½ m. | | | A large village; supplies on notice; water from 2 wells within 300 yds. of C-G., which is E. of road and opposite b.; water also from a nullah ½ m. distant; there is a small site for encampment (often used) in a mango grove in rear of b.; country open and undulating, with thin jungle; road as above; cross two low ranges of hills in the first 4 m., the Lakhandar R. at about 6 m. by a causeway; no ferry during the rains. |

Route No. 19(a).

FROM AGRA TO MHOW as far as KANUA, see Route 18(a)
(for remainder, see Bombay Route Book No. 221 (1)).

Route No. 20.
FROM AGRA TO MORAR.
via DHOLPUR.

| AUTHORITY. | | Names of rivers and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Pol. Agt., Eastern Gwalior, Bikaner, Rajputana, Agra, Dhoolpur. Resident at Gwalior, Gwalior. | TEHRA . . . | 10½ | 10½ | See Route 17. |
| | | MANIA . . . | 12½ | 23½ | |
| | | DHOLPUR . . . | 9½ | 32½ | |
| | | DEORI . . . | 11½ | 43½ | |
| | | NURABAD . . . | 12½ | 56½ | |
| | | GWALIOR RESDY. | 10 | 66½ | |
| | | MORAR . . . p-o. r-s. | 7½ | 74 | A large cantonment on the right bank of the Morar; supplies plentiful; good water, for two battns., from wells in surrounding compounds; C-G. of some extent on left bank of the river and about 1 m. W. of the church; country fairly cultivated; road metalled and bridged; leave the Sipri-Jhansi road at 1½ m. N.E. angle of Gwalior Fort at 6½, and cross the Morar at 6½ m.; the town and fort of Gwalior lie between 4 and 5 m. to the S.W. of the cantonment. |
| | | Total marches, 7 = 74 m. | | | |

Route No. 21.

FROM AGRA TO NASIRABAD as far as BIHARATPUR, see Route 11
(for remainder, see Bombay Route Book No. 249).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-------|--|-----------|--------|---|
| Military | Civil | | Miller. | Total. | |
| G. O. C. Bundekhand District, Agra. Resident at Gwalior, Gwalior. | | GHATI WALAGAON 420 x 400 yds. b. | 10½ | 90 | A village; supplies scarce; plentiful good water from a well near b, and another 100 yds from C-G, which is ½ m. S-W. of village; country barren and marked by bold, rocky, low hills; road as above; pass Panar at 2½ m. |
| | | BEHAT 160,500 sq. yds. | 8½ | 98½ | A village; supplies scarce; good water, for a battn., from a well on C-G, which is S-E. of village; country jungly and stony, hills at Behat; road as above. |
| | | MAHONA 165,000 sq. yds. b. | 6½ | 105 | A good-sized village; supplies on notice; good water from wells and the Parbati B, 1 m. N. of which and about 100 yds. S. of village is C-G.; country undulating with hills in the distance; road as above; cross a branch of the Parbati at 5 m. |
| | | CHOEPURA 530 x 240 yds. b. | 11½ | 116½ | A small village; supplies scarce; plentiful good water from 2 wells near C-G, which is about 800 yds. W. of village; country and road as above; cross the Parbati at about 1, a branch of the river at 8½, both by stone bridges, and a nullah at 6 m. by a permanent causeway. |
| | | SATANWARA 400 x 300 yds. b. | 14 | 130½ | A village; supplies on notice; good but limited water from a well on C-G, which is E. of b; country undulating and chiefly jungle; road as above; pass Chornakhera soon after starting, a dak b. at 5 and Kakar at 13 m. |
| | | SIPRI p-o. t-s. b. | 9½ | 140½ | A small cantonment with a large town close by; supplies abundant; good water, sometimes scarce, from a well on C-G, which is spacious and level, on black soil near the junction of the Jhansi road; country and road as above. From Sipri a good road runs N-W. to Faori making the following stages:— Sirod (p-o.) . . . 10 m. A good site for encampment here. Faori . . . 10 " See Route 23. TOTAL . . . 20 m. |
| | | KOLABAS p-o. | 15 | 155½ | A small town and Gwalior State cantonment; supplies plentiful; good water from a well on C-G, which is extensive; other wells in town; country and road as above; pass Baradla at 8 and Sasai, on Route 40½, at 8 m. |
| | | LUKWASA | 8 | 163½ | A good-sized village; supplies on notice; water from a well on C-G, which is extensive; tank in village close by, fit for cattle; country chiefly cultivated road as above; b. at Deherda 2 m. distant. |
| | | BUDERWAS b. | 9 | 172½ | A good-sized village; supplies on notice; water from a well on C-G, which is extensive; country and road as above. |
| | | BARKHERA | 9 | 181½ | A small village; supplies scarce; water from a well (8½ ft. in diameter, depth of water in June 8 ft.) on C-G, spacious site for which is W. of road, partially flooded in rains; country and road as above. |
| | | BHADAURA 1,000 x 800 yds. b. | 9 | 190½ | A moderate-sized village and fort; supplies procurable; water from a well (8 ft. in diameter, depth of water in June 6 ft.) on C-G, spacious site for which is close to village; country and road as above; pass Sasai at 4½ m. |
| | | GOONA 1,350 x 860 yds p-o. t-s. r-s. b. | 12 | 202½ | A cantonment and town; supplies plentiful; water from wells in adjacent gardens and from the hospital well; C-G. on black soil, W. of town; country and road as above; pass Patni at 4 and Beloni at 7 m. For roads from Goona to Deoli and Mhow, see Bombay Route Book Nos. 204 and 223 respectively. |
| | | ROTHAI 660 x 200 yds. r-s. b. | 13 | 215½ | A very small village on left bank of the Chowpatti R.; supplies must be procured from Goona or from Raghogarh, a large village 7 m. distant, but road to it rough and hilly; plentiful good water from a well in b. compound, and another in village, and one on C-G, which is N-W. of village between the river and the ry.; the Goona-Indore road crosses the north-eastern corner of the camp; country very hilly; road as in last stage; the Chowpatti R. is crossed by a masonry bridge, but for all arms. |
| | | PARBATI RIVER 1,636 x 935 yds. | 14 | 229½ | Small village of Khena 1 m. W. of camp; supplies scarce; good water from wells in village; C-G. W. of road and near the river; country and road as above; pass Raghogarh at 5 (2 m. E. of road) and Aran at 8 m. (½ m. W. of road). |
| | | BINAGAON 1,200 x 1,200 yds. p-o. b. | 14 | 243½ | A village 2 m. from the large village of Chachora; supplies plentiful; water from a well (8 ft. in diameter, depth of water in June 6 ft.) on C-G, which is E. of road; country and road as above; cross the Parbati R. on starting by causeway, except for three months in rains, when a boat (capacity 50 men) is used. |
| | | GORAPACHAR 1,200 x 1,200 yds. | 8 | 251½ | A small village with sarai on right bank of the Gorapachar; supplies scarce; water from a well (8 ft. in diameter, depth of water in June 4 ft.) on C-G, which is near the river; country and road as above. |
| | | BIAORA 500 x 250 yds. p-o. t-s. b. | 10½ | 262 | A small town; supplies plentiful; abundant good water from a large well in front of, and another in rear of C-G, which is opposite p-o. and E. of road; country at first covered with low scrub, afterwards well cultivated; road as before; from here a metalled road runs N-W. to Rajgarh, distant about 16 m. |
| | | KARANWAS 300 x 250 yds. | 10½ | 272½ | A village; supplies scarce; water from wells; C-G. between village and road country level and cultivated; road as before; cross the Ajar on starting, and the Dud at 7½ m., by causeways, unfordable when in flood. |
| | | PACHHAR 300 x 230 yds. p-o. b. | 8½ | 280½ | A fair-sized village; supplies procurable; water from a small well near sarai and from the Nawaj, on right bank of which and on W. of road is C-G.; country and road as before. |
| | | UDONKHORI 250 x 250 yds. b. | 7½ | 288½ | A small village; supplies from Patana, 6 m. distant, on notice; water from a well on, and from a nullah 100 yds. from C-G, which is E. of road and ½ m. S. of b.; country and road as before; cross the Nawaj on starting, by a causeway in dry season, by ferry (1 boat carrying 50 men) in the rains, and pass a new metalled road to Khayner, distant 8 m. N-W., at 2 m. |
| | | SARANGPUR 350 x 200 yds. p-o. t-s. b. | 11½ | 299½ | A town; supplies abundant; good water from 3 wells in gardens near C-G, which is between the town and road; water also from the Kali Sini, ½ m. distant; country and road as above; pass Dhanora at ab at 7½ m. The road (metalled) to Agra, thence to Deoli, Mhow or Nounah (see Bombay Route Book Nos. 203, 222 and 236 respectively) turns off at Sarangpur:— Baradla (p-o.) . . . 9 m. Kakar . . . 1½ Agra (p-o.) . . . 8 m. |
| | | | | TOTAL | 83 m. |

| AUTHORITIES. | | Name of place and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | SHAJAPUR . 600 x 300 yds. p-o. b. | 17 | 316½ | A large town; supplies abundant; good water from 2 wells close to C-G., which is on the further side of the Tilar Nadi, near the p-o.; country cultivated with occasional jungle; road as above; cross the Kali Sind on starting, by a causeway in dry season, by ferry (1 boat carrying 16 men) in the rains, then ascend gradually for about 11 m., thence level crossing the Tilar (bridged) at end of stage. |
| | | MAKSEE . 200 x 150 yds. p-o. r.a. b. | 14½ | 331½ | |
| | | Total marches, 80 = 331½ m. | | | |

Route No. 19(a).

FROM AGRA TO MHOW as far as KANUA, *see Route 18(a)*
(for remainder, *see Bombay Route Book No. 221 (1)*).

Route No. 20.

FROM AGRA TO MORAR.
and DHOLPUR.

| AUTHORITIES. | | Name of place and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | TEHRA . . . | 10½ | 16½ | See Route 17. |
| | | MANIA . . . | 12½ | 29½ | |
| | | DHOLPUR . . . | 9½ | 32½ | |
| | | DEORI . . . | 11½ | 43½ | |
| | | NURABAD . . . | 12½ | 56½ | |
| | | GWALIOR RESDY. | 10 | 66½ | |
| | | MORAR . . . p-o. r.a. | 7½ | 74 | A large cantonment on the right bank of the Morar; supplies plentiful; good water, for two battns., from wells in surrounding compounds; C-G. of some extent on left bank of the river and about 1 m. W. of the church; country fairly cultivated; road metalled and bridged; leave the Sipri-Jhansi road at 1½, pass N.E. angle of Gwalior Fort at 5½, and cross the Morar at 6½ m.; the town and fort of Gwalior lie between 4 and 5 m. to the S.W. of the cantonment. |
| | | Total marches, 7 = 74 m. | | | |

Route No. 21.

FROM AGRA TO NASIRABAD as far as BIHARATPUR, *see Route 11*
(for remainder, *see Bombay Route Book No. 243*).

Route No. 21(a).

FROM AGRA TO NASIRABAD as far as KANUA, see Route 18(a)
(for remainder and alternative routes, see Bombay Route Book Nos. 243 (1), (2), and (3)).

Route No. 22.

FROM AGRA TO NEEMUCH as far as KANUA, see Route 18(a)
(for remainder, see Bombay Route Book Nos. 235 or 235 (1)).

Route No. 23.

FROM AGRA TO PAORI.
via GWALIOR AND MAHONA.

112 GWALIOR AND REYNOLDS.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|---|---|-----------|--------|---------------|
| Military | Civil | | Miles | Total. | |
| G. O. C. Bundelkhand District, Agra. | Vol. Apt. Eastern Collr. of States, Hyderabad, Agra, Dholpur. | TEHRA . . . | 10½ | 10½ | See Route 17. |
| | | MANIA . . . | 12½ | 22½ | |
| | | DHOLPUR . . . | 9½ | 32½ | |
| | | DEORI . . . | 11½ | 43½ | |
| | | NURABAD . . . | 12½ | 56½ | |
| | | GWALIOR RESDY. | 10 | 66½ | |
| | Resident at Gwalior, Gwalior. | NAIGAON . . . | 18½ | 79½ | See Route 19. |
| | | GHATIWALAGAON | 10½ | 90 | |
| | | REHAT . . . | 8½ | 98½ | |
| | | MAHONA . . . | 6½ | 105 | |
| | | BOURDAI 400 x 870 yds. | 16 | 121 | |
| | | BAIRAR 240 x 150 yds. 120 x 100 yds. | 18½ | 184½ | |
| | | PAORI . . . 270 x 260 yds. | 12½ | 147 | |
| | | Total marches, 18 = 147 m. | | | |
| <p>A fair-sized village; supplies on notice, but limited; plentiful good water from two wells S. of and near C-G., which is on stony land N. of village; country low, barren hills at first, afterwards stony and uncultivated; road metalled and bridged; cross the Parhadi R. at 1½, leave the Agra-Neemuch road, soon afterwards, and pass Kandi at 6½ m.</p> <p>A fair-sized village; supplies as above; plentiful good water from wells N.E. of village and near two gardens, which could be used for C-G.; country barren, only cultivated round villages; road as above, undulating slightly; pass Gohar at 6½ and Tara at 11½ m.</p> <p>A town with a fort and bazar; ample supplies on notice; plentiful good water from 2 wells, one W. of and the other N.W. of C-G., which is N.E. of a large Hindu temple; country fairly level and partially cultivated; road as before; pass Nadhona at 8½ and Bhainsnagar at 8½ m.</p> | | | | | |

Route No. 24.

FROM ALIGARH TO BUDAUN.
via KASGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|--|-----------|--------|--|
| Military | Civil | | Miles | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | JALALI p-o. | 14½ | 14½ | A large town about a mile off the road; supplies must be collected; plentiful good water from wells and a canal; no proper C.G., but the country being flat, tents could be pitched anywhere on cultivated fields; in dry season a site for camp will also be found on the further bank of the Ganges canal about 1½ m. from Jalali, one well, water fair; country open and well cultivated; road metalled; cross the ry. at 1½, leave the Grand Trunk Road at Panohli, and cross the Ganges canal (bridged) at 10½ m.; bridges will take all traffic. |
| | | GANGRI | 11½ | 26½ | |
| | | | | | |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DIST. ANCE. | | REMARKS. |
|--|------------------------------|---|-------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Etah, Bith. | KASGANJ . . . | 12½ | 38½ | Country level and open; road, 25 to 80 ft. wide, unmetalled, but bridged and fit for all arms; cross the Nim Nadi at Malsai at 1 and pass Dholna at 6 m. See Route 12. |
| | | SORON . . . | 8½ | 46½ | |
| | Collector of Budawn, Budaun. | KACHLA . . . | 8 | 54½ | |
| | | UJHANI . . . | 10½ | 64½ | |
| | | BUDAUN . . . | 8½ | 73 | |
| G. O. C. Rohilkund District, Bareilly. | | Total marches, 7 = 73 m. | | | |

Route No. 24(a).
FROM ALIGARH TO BUDAUN.
via ANUPSHAHR AND SAHASWAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|-----------------------------------|---|---|---|--------|---|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | JAWAN . . . | 9½ | 9½ | A village; supplies must be collected from the neighbourhood, or from Hardnagarj, a market town 4 or 6 m. off; water generally brackish, the amount of good well water is enough for a bath; plenty of wasteland all round on which troops could be encamped; country level, open and well cultivated; road, 30 ft. wide, metalled, bridged, and fit for all arms; pass Santah at 4 m. A small village; supplies on notice; plentiful good water from wells on and near C-G., which is N-W of road; country and road as above; cross the Ganges canal at 1, pass Tejpur at 2½, cross the Kali Nadi at 7½, pass a metalled road leading to Atrauli r.s. (distant 3½ m.) at 8½ and Narninpur at 11½ m. A large town on right bank of the Ganges; supplies plentiful; abundant good water from wells on, and round about C-G., site for which is S. of town; country and road as above; pass an unmetalled road, 25 ft. wide, to Bulandshahr (distant 20 m.) at 2 and a similar road to Jarali (distant 6 m.) at 6 m. A village; supplies on notice; plentiful water from a well S. of C-G., which is W. of village; country flat and partly cultivated; road unmetalled and heavy in places, liable to floods; cross the Ganges on starting, by a bridge-of-boats in the dry season, by ferry (50 boats) in the rains, and pass Dabrala r.s. at 10½ m. A village; supplies on notice; plentiful good water from wells in police stn. and village, and also from the Mahawa Nadi, ½ m. from C-G., which is W. of village; country and road as in last stage. | |
| | | DANPUR . . . 183,830 sq. yds. | 18½ | 22½ | | |
| | Collector of Bulandshahr, Bulandshahr. | ANUPSHAHR . . . 20,200 sq. yds. p.o. | 12 | 31½ | | A town; supplies on notice; good water from a well 100 yds. E. of C-G., which is W. of town; there are also wells in the town; country and road as above; cross the Mahawa R. (bridged) towards end of stage. A village; supplies on notice; good water from a well and the Bhaishaur R., ½ m. from which and W. of village is C-G.; country as above; road metalled and passable for all arms; cross the Bhaishaur R. (bridged) at 13½ m.; at Ughur (13 m.) there is a better place for a camp above the Bhaishaur R., water being obtained from a well, and in the case of a large force from the river. See Route 12. Country well cultivated and wooded; road as in last stage up to Ujhani at 2½ m., where it is bad, 10 ft. wide, but thence very good, metalled, and bridged; cross the Soto R. at 9 m. |
| | | GUNNAUR . . . 140 x 130 yds. 100 x 130 „ p.o. b. | 14 | 45½ | | |
| | | ZARIFNAGAR . . . 100 x 500 yds. p.o. | 13 | 61½ | | |
| | G. O. C. Rohilkhand District, Bareilly. | Collector of Budaun, Budaun. | SAHASWAN . . . 500 x 600 yds. p.o. b. | 10 | | 71½ |
| | | | HAZRATPUR . . . 450 x 300 yds. p.o. | 16 | | 86½ |
| | | | BUDAUN . . . | 10½ | | 96½ |
| | | | Total marches, 8 = 96½ m. | | | |

Route No. 25.
FROM ALIGARH TO DELHI.
via JHAJHAR.

| AUTHORITIES. | | Name of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Colr. of Bulandshahr, Aligarh, Bulandshahr. | SOMNA . . . | 13½ | 13½ | See Route 266. |
| | | KHURJA . . . | 14½ | 27½ | |
| | | JHAJHAR . . . 160,000 sq. yds. p-o. | 12½ | 40 | |
| | | | | | |
| | | | | | A large village; supplies and good water procurable; G.O. on wasteland ½ m. from village; country partially cultivated; road unmetalled, but in fair order and fit for all arms; cross the Karon nullah (fordable) at 6 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|-----------------------------------|----------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut District, Meerut. | Dy. Commr of Delhi, Delhi. | CHAINSAR . . . | 12½ | 52½ | A village near right bank of the Jumna; supplies procurable; plentiful good water from wells round village; the country being flat and open, camp may be pitched anywhere, road as above; cross the Jumna towards end of stage, by bridge of boats in dry season, by ferry (1 boat over the nullah near Chainers, and 2 over the main stream, each boat carries 200 mds) in the rains. Country fairly cultivated, road unmetalled, but tolerable. See Route 13. For other remarks, see Route 206. |
| | | BALLABGARH . . . | 11½ | 64 | |
| | | BADARPUR . . . | 11 | 75 | |
| | | DELHI . . . | 12½ | 87½ | |
| | | Total marches, 7 = 87½ m | | | |

Route No. 26.
FROM ALIGARH TO MEERUT.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|----------------------------------|--------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut District, Meerut | Collector of Aligarh, Aligarh. | SOMNA . . . | 18½ | 18½ | See Route 260. |
| | | KHURJA . . . | 14½ | 27½ | |
| | | BHUR near BULANDSHAHR | 12 | 39½ | |
| | | GULAOITHI 800 x 880 yds. p-o. | 11½ | 51½ | |
| | Collector of Meerut, Meerut | HAPUR 185,450 sq yds. p-o t.e. | 10½ | 61½ | A large bazar; supplies easily procurable; plentiful good water from wells close by; C-G. S-W of the town, country well cultivated; road, metalled 9 ft., total width 30 ft., and bridged throughout; pass the old fort at Mulagarh at 4, Chaprawal at 6, and Mullapur at 10½ m. A large town; supplies and water plentiful, well (6 ft in diameter with 12 ft. of water) on C-G, which is N-W. of town and W. of road; country and road as above; cross the Churna nullah at 8½, pass the town of Hapur to right at 9½, and cross Delhi-Gurhmukhtesar road at 10 m; the Bahagarh Govt. Ramt Depot is 4 m to the W. A small village; supplies and good water procurable; one well (8 ft. in diameter, with 21 ft. of water) on C-G, which is close to village; country and road as in last stage. A large cantonment, civil sta., and city; two r.s., one for the city and one for cantonment; supplies and water abundant, no C-G. marked out, but large machines available on the N. and W. of cantonment; with wells close by; country and road as above; pass Papunda at 8, Hapur at 9½, cross drainage cut at 10½, pass Meerut City to left at 10, whence a road runs to Gurhmukhtesar, and cross Abu nullah at 11 m, where roads from Delhi and Dhaugat meet. |
| | | KHARKHAUDA 138,810 sq. yds | 7½ | 69½ | |
| | | MEERUT p-o t.e. r.s. b. | 12 | 81½ | |
| | | Total marches, 7 = 81½ m. | | | |
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Route No. 27.
FROM ALIGARH TO MORADABAD.
via ANUPSHAHR AND SAMBAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|-------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut District, Meerut | Collr. of Aligarh, Aligarh. | JAWAN . . . | 9½ | 9½ | See Route 21 (a). |
| | | DANPUR . . . | 18½ | 22½ | |
| | | ANUPSHAHR . . . | 12 | 34½ | |
| | Collr. of Bulandshahr, Bulandshahr. | GUNWAN 81,760 sq yds. p-o. b. | 5½ | 30½ | A large village; supplies on notice; plentiful good water from a well and the Mahawa R., near which and W. of village is C-G; country cultivated toward end of stage; road 30 ft. wide, unmetalled, in fair order and practicable for all arms, but heavy in the rains; crosses the Ganges on starting, by bridge of boats in dry season, by ferry (60 boats on notice) in the rains, and the Mahawa at 4½ m, by ford in dry season, by ferry in the rains |
| | | RUJHERA 280 x 280 yds. | 8½ | 49½ | |
| G. O. C. Rohilkhand District, Bareilly. | Collr. of Moradabad, Moradabad. | | | | A small village; supplies on notice; plentiful good water from a well, C-G. W. of village; country level, open, and fairly cultivated; road as above; cross the Nukta R. (bridge unsafe), which forms a pool, at 4½ and pass Lakhnapur at 6½ m |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Collector of Moradabad, Moradabad. | SAMBHAL . . . 280 x 290 yds. p-o. t-s. b. | 9½ | 57½ | A large village, well wooded; supplies plentiful on notice; abundant good water from 8 wells; C-G. 1 m. from Sambhal on the Rujhara road, opposite Idgah; country and road as above, but latter metalled at Sambhal; cross the Ohoya (bridged), at 2 and pass Ledhampur at 2½ m. |
| | | MYNATHEIR . . . 109,670 sq. yds. | 10½ | 68½ | A small village; supplies procurable from neighbouring villages on notice; good water from a well N. of C-G., which is W. of village; country flat and cultivated; road 30 ft. wide, metalled and passable for all arms; cross the Rote R. at 3, by a bridge, and pass Sirsi at 6½ and Mythenodpur at 7½ m; from Sirsi a road runs E. to Salapur Bilari r-s., distant 10 m. |
| | | MORADABAD . . . 118,200 sq. yds. p-o. t-s. r-s. b. | 12½ | 80½ | A small cantonment and civil stn.; supplies plentiful on notice; abundant good water from 2 wells S. of C-G., which is N. of r-s.; other wells in cantonments; country cultivated; road as in last stage; pass Taharpur at 8 and cross the Gurga (bridged) at 7½ m. |
| | | Total marches, 8 = 80½ m. | | | |

Route No. 27(a).
FROM ALIGARH TO MORADABAD.
via JATWAI AND SAMBHAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | SOMNA . . . | 12½ | 12½ | See Route 266. |
| | | KHURJA . . . | 14½ | 27½ | |
| | | DHUR near BULANDSHAHIR. | 12 | 39½ | |
| G. O. C. Rohilund District, Bareilly. | Collector of Bulandshahr, Bulandshahr. | JATWAI . . . 150,000 sq. yds. b. | 16 | 55½ | A small village; supplies on notice; plentiful good water from wells close by; suitable space, for a battn., to encamp on wasteland close to b.; country open and cultivated; road, 30 ft. wide, metalled, bridged and fit for all arms; pass through the stn. of Bulandshahr, and then cross the Kali Nadi. |
| | | ANUPSHAHIR . . . | 12½ | 67½ | See Route 24(a). Country and road as above. |
| | | GUNWAN . . . | 5½ | 72½ | See Route 27. |
| | | RUJHERA . . . | 8½ | 81½ | |
| G. O. C. Rohilund District, Bareilly. | Collector of Moradabad, Moradabad. | SAMBHAL . . . | 9½ | 90½ | |
| | | MYNATHEIR . . . | 10½ | 101½ | |
| | | MORADABAD . . . | 12½ | 113½ | |
| | | Total marches, 10 = 113½ m. | | | |

Route No. 28.
FROM ALIGARH TO MUTTRA.
via RAYA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | IGLAS . . . p-o. b. | 10 | 10 | A small village; supplies procurable; abundant good water from wells; no regular C-G., but plenty of level country near the village; country level, open, and well cultivated; road, 30 ft. wide, metalled, bridged, and suitable for all arms. |
| | | RAYA . . . p-o. t-s. r-s. | 14½ | 24½ | A village; supplies on notice; well water plentiful and good; no defined C-G., but camp could be pitched anywhere on surrounding fields; country as above; road unmetalled after the first mile and about 25 ft. wide; pass Mohakampur at 4½, Najibpur at 0, Satni at 8½, and join metalled road from Hathras Junction at 11 m. |
| | | MUTTRA . . . | 10½ | 41 | See Route 13. Country open and cultivated; road good and metalled, running alongside of the ry. (R. M. R.); pass Ghosna at 4½ and cross the Jamna at 7½ m. by combined road and ry. bridge; another road, also metalled, branches off at 6 m. and reaches Muttra (13 m.) by boat-bridge across the Jamna at Ghokhi Ghat; ferry in the rains, about 80 boats available, each holding from 25 to 100 men. |
| | | Total marches, 3 = 41 m. | | | |

Route No. 29.
FROM ALLAHABAD TO BANDA.
 via FATEHPUR, CHILLATARA, AND PIPREDA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|---------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | MUFTI-KE-PURWA | 10½ | 10½ | |
| | | KOHKHIRAJ | 14 | 24½ | |
| | | SAINI | 18½ | 37½ | |
| | | KATOGHAN | 13 | 50½ | |
| G. O. C. Oudh District, Lucknow. | Collector of Fatehpur, Fatehpur. | THARIYAON. | 12½ | 63½ | |
| | | FATEHPUR | 19 | 75½ | |
| | | BOVHA 170 x 125 yds. | 14½ | 89½ | A large village; supplies procurable; abundant good water from 2 wells, one to the N. and the other to the S. of C-G., site for which is S. of road; country fairly cultivated; road metalled and bridged; pass Chauspura at 6, Blah at 6, and Khatawa at 11 m. |
| | | LALAUJI 230 x 114 yds. p-o. | 7½ | 97 | A large village on the left bank of the Jumna; supplies procurable; abundant good water from a well on C-G., site for which is W. of road; country and road as in last stage. |
| | | CHILLATARA 400 x 200 yds. p-o. b. | 2½ | 100½ | A village on right bank of the Jumna; supplies plentiful; abundant good water from a well on C-G., which is W. of road; country and road as above; cross the Jumna (½ m. wide in rains) soon after starting, by bridge-of-boats in dry season, by ferry (30 boats) in the rains; the junction of the Kon and Jumna is a little above the village. |
| G. O. C. Bundelkhand District, Agra. | Collector of Banda, Banda. | PIPREDA p-o. | 12 | 111½ | A village; supplies, except forage, plentiful; abundant good water from a well 150 yds. N. of C-G., spacious site for which is S. of village; country and road as before. |
| | | BANDA 870 x 100 yds. p-o. l-s. r-m. b. | 11 | 122½ | A small encampment and civil stn.; supplies abundant; plentiful good water from a well on C-G., which is near the church; country and road as above. |
| | | Total marches, 11= | | 122½ m. | |

Route No. 29(a).
FROM ALLAHABAD TO BANDA.
 via RAJAPUR FERRY AND BILGAON.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|----------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From Ry. Rest Barracks to— | | | |
| | | MUFTI-KE-PURWA | 10½ | 10½ | |
| | | KOHKHIRAJ | 14 | 24½ | |
| | | SADSAWAN 240 x 140 yds. | 16½ | 40 | |
| | | RAJAPUR 300 x 160 yds. p-o. b. | 12 | 52 | |
| G. O. C. Bundelkhand District, Agra. | Collector of Banda, Banda. | PAHARI 260 x 190 yds. | 12 | 65 | |
| | | ORAN 160 x 140 yds. | 15 | 80 | |
| | | BILGAON 240 x 120 yds. | 14½ | 94½ | |
| | | BANDA | 12½ | 107 | |
| | | Total marches, 8= | | 107 m. | |

NOTE.—Although this route is shorter than No. 29, the road is not nearly so good.

See Route 206.

A large village; supplies on notice; good water, for a baitn, from a well, and (for animals) from a tank, containing water in the rains, close to C-G., which is in a mango grove ½ furlong W. of bazar; country flat and well cultivated; road metalled for first 10½ m. only, but bridged throughout; pass Bharwar r-s. at 2, and cross the Essur-Kaderi R. at 8 m.

A large town on right bank of the Jumna; supplies plentiful; abundant good water from wells in vicinity of C-G., which is ½ m. S. of town; road unmetalled, but raised and in good order; cross the Jumna (about ½ m. wide) at Naobeta at 11½ m., by a ferry of 17 large and 15 small boats. From Rajapur a metalled road, good in dry weather, runs S-W. to Karwar r-s., distant 17½ m.

A village; supplies on notice; water from a well near village, and from 2 tanks close to C-G., which is ½ m. N. of village and road; country flat and well cultivated; road an unmetalled cart track; pass Rajapur at 8 and cross the Ohan stream (fordable, except after heavy rain) at 6 m.

A village; supplies on notice; plentiful good water from a well on C-G., site for which is S. of road and close to village; country and road as above; cross the Paitant stream at 5½ and the Begain stream at 8 m., both fordable, except after heavy rain, no ferries.

A village; supplies on notice; plentiful good water from a well on C-G., which is S. of road and 1 furlong W. of village; country and road as above, but latter bridged for last 1½ m.; pass Bindra or Bira (site for encampment with well here) at 8½ m.

See Route 20.
 Country as above; road metalled for last 3 m. only, but bridged throughout.

Route No. 29(b).
FROM ALLAHABAD TO BANDA.
via RAJAPUR FERRY AND KAMASIN.

23

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | MUFTI-KE-PURWA | 10½ | 10½ | See Route 28c. |
| | | KOHKHIRAJ | 14 | 24½ | |
| | | SARSAWAN | 16½ | 40 | See Route 29 (a). |
| G. O. C. Bundelkhand District, Agre. | Collector of Banda, Banda. | RAJAPUR | 12 | 52 | |
| | | KAMASIN 400 × 260 yds. p-o. | 16½ | 68½ | A large village with tehsil; supplies on notice; plentiful good water from a well about 200 yds. W. of C-G., which is ½ m. E. of village; country flat and well cultivated; road, an unmetalled cart track, over broken country; cross the Palsani stream (ferry sent here from Rajapur during rainy season) at 5½ and the Bagnin stream at 10½ m., both fordable except after rain. |
| | | BABERU 340 × 250 yds. p-o. | 12½ | 80½ | A large village with tehsil; supplies on notice; plentiful good water from a well near, and a tank about ½ m. N. of C-G., which is N. of road and ½ m. W. of village; country as above; road, an unmetalled cart track, impassable for wheeled traffic during the rains; pass Barhas at 6½, Datoura at 8½, and Umarhi at 8½ m. |
| | | TINDWARI 350 × 310 yds. | 10 | 90½ | A small village; supplies on notice; plentiful good water from a well on, and a tank N. of, C-G., which is E. of road and 800 yds. S. of village; country and road as above; pass Hardoli at 1½, Tola at 3½, and cross the Garara stream (fordable except when in flood) at 6½ m. |
| | | BANDA | 14½ | 105½ | See Route 29. |
| | | Total marches, 8 = 105½ m. | | | Country and road as above, but latter metalled for last 1½ m. |

Route No. 29(c).
FROM ALLAHABAD TO BANDA.
via KARALI, RAJAPUR FERRY, AND BILGAON.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | BHAGWATPUR 240 × 200 yds. | 7½ | 7½ | A small village; supplies on notice; good water from 2 wells in village and one on S. edge of C-G., which is in a grove of trees, on both sides of the road, and 200 yds. E. of village; country level, open, and partially cultivated; road, unmetalled, but raised and bridged, indifferent for first 3 m., where a nullah is crossed, runs W. along the Cawnpore road until the Grand Trunk Road is reached, then S-E. crossing the ry. by a level-crossing; pass Jalwa at 3½ m., whence an unmetalled road runs under the ry. to Damanganj on the Grand Trunk Road. Bambracoli r-s. is distant 1 m. N. |
| | | BASOHAR 175 × 150 yds. | 11½ | 18½ | A village and bazar; supplies on notice; good water, for a battn., from a well 100 yds. N. of C-G., site for which is N. of road in a grove of trees, 800 yds. W. of village; country as in last stage; road unmetalled, but bridged, good up to the Sessur-Kaderi R., 6 m., thence passable only during the dry weather; pass Babupur at 4½, Perai at 8, and Dahya at 8 m. Nearest p-o. at Sarai 1 m. N. of Basohar. |
| | | KARALI 145 × 100 yds. p-o. | 8 | 26½ | A small town; supplies on notice; good water, for 1½ battns., from a well E. of, also from a tank near, C-G., site for which is in two mango groves 100 yds. W. of the town, and on both sides of the road; country as above; road, unmetalled and only partially bridged; pass Dandori at 4 and Aminpur at 5 m. |
| | | SHAHPUR 800 × 400 yds. | 16 | 42½ | A large village on left bank of the Jumna; supplies on notice; good water from a well (diameter 13 ft., depth of water 8 ft.) in village, opposite which is C-G., in a series of small groves on both sides of the road; country open and well cultivated; road as above; pass Maharrar at 5, Pachin at 8, and begin to descend into the Jumna Valley at 13 m. |
| G. O. C. Bundelkhand District, Agre. | Collector of Banda, Banda. | RAJAPUR | 3½ | 46½ | Country and road as in last stage; at about 3 m. reach the river ghāt at Nao-basta (called the Rajapur Ghāt). |
| | | PAHARI | 13 | 59½ | |
| | | ORAN | 15 | 74½ | See Route 29(a). |
| | | BILGAON | 14½ | 89½ | |
| | | BANDA | 12½ | 101½ | For other remarks, see Route 29. |
| | | Total marches, 9 = 101½ m. | | | |

FROM ALLAHABAD TO ETAWAH.

via PATEHPUR, KHAJURA and SIKANDRA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|----------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | MUFTI-KH-PURWA | 10½ | 10½ | |
| | | KORKHURAJ | 14 | 24½ | |
| | | SAINI | 18½ | 37½ | See Route 285. |
| | | KATOGHAN | 13 | 50½ | |
| | | THARIYAON | 12½ | 63½ | |
| | | PATEHPUR | 12 | 75½ | |
| | | PANI-KI-SHOWKI 190 x 160 yds. | 10½ | 85½ | A small village; supplies procurable; abundant good water from 2 wells on C.G., which is S. of road on level land; country partially cultivated; road unmetalled between the 3rd and up to Malwa r.s., at the 7th m.; the other portions of the road are metalled, and the whole is bridged throughout. |
| | | KHAJURA 350 x 350 yds. p-o | 11 | 96½ | A village; supplies procurable; abundant good water from a well near C-G, which is N. of road; country as above; road as in latter part of last stage; cross the Cawnpore-Banda road, which is raised, metalled, and bridged at 9 m. |
| | | SALHI (JEHANABAD). | 12½ | 109½ | A village; supplies procurable; abundant good water from 6 wells near C-G, which is N. of road; country and road as above; a raised, unmetalled, but bridged road from Arnouli to Shikarpur crosses near the camp. |
| G. O. C. Oudh District, Lucknow. | Collector of Patlipur, Patlipur. | GHATAMPUR 158,160 sq. yds p-o | 12 | 121½ | A small town; supplies plentiful; abundant good water from a well and tank on C-G, which is W. of road; country well cultivated; road raised, bridged, but unmetalled; during the rains it is under water in many places, and difficult for wheeled traffic; pass Kunman Khara at 2½ and Nanranga at 7 m. |
| | | MUSANAGAR p-o. | 18 | 139½ | A bazar S. of road; supplies procurable; good water, for a batta, from 2 wells, one on C-G, small site for which is in Kirpalpur village, ½ m. N. of road and the same distance from Musanagar; country and road as in last stage, cross the Banda Nadi at 4, the Ganges canal at 8½, and pass Salika at 11½ m. |
| | | BHOGNIPUR 65,520 sq. yds b | 10 | 149½ | A village, supplies procurable; good water, for a batta, from a well W. of C-G, which is near village; country and road as above; cross the Bengur Nadi at 2 and the Karondiya Nadi at 7½ m., both strongly bridged. |
| | | SHAUJAHANPUR 125 x 65 yds. | 8 | 157½ | A village; supplies procurable; good water, for a batta, from a well on C-G, site for which is S-E of the village; country cultivated; road as in last stage, but remains under water in places during the rains; pass Macha at 3 and Kargan at 4½ m. |
| | | SIKANDRA 190 x 170 yds. p-o | 10 | 167½ | A village; supplies procurable; good water, for a batta, from a well on C-G, which is W. of road; country well cultivated; road as above, but under water in many places during the rains; pass Dalpur at 1½ and Rajpur at 4 m. |
| | | AURAIYA 300 x 300 yds. p-o b | 10½ | 178½ | A small town; supplies and good well water plentiful, two wells being on C-G, which is on roadside no 10 town; country flat and partially cultivated, good unmetalled road, raised, and bridged. |
| | | ATIMAL 88,760 sq. yds. p-o | 11 | 189½ | A village; supplies on notice; plentiful good water from a well on C-G, which is on roadside close to village; country and road as in last stage; pass Mahuli at 6 and Imha at 12½ m. |
| | | BAKEWAR 300 x 300 yds. p-o | 12½ | 199½ | A village; supplies procurable from the neighbourhood; plentiful good water from a well on C-G, which is close to village; country and road as above; pass Mahari at 4½ and Ujjain at 8 m. |
| | | ETAWAH | 14½ | 213½ | See Route 15 |
| | | Total marches, 18 = 218½ m. | | | Country and road as above, but latter metalled for last few miles; pass Bhoulai at 3, Birari at 6½, and Ikhal at 9 m., after which the road is metalled. |

Route No. 31.

FROM ALLAHABAD TO FYZABAD.

via SORAON AND SULTANPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | SORAON 500 x 260 yds. p-o. | 14½ | 14½ | A large town; supplies plentiful; abundant good water from 9 wells, 2 on, and the others within 300 yds. of, C-G, which is 500 yds. N. of town and by the roadside; road raised, metalled, and bridged; at 4½ m. reach right bank of the Ganges, cross the river, in the dry season by a bridge-of-boats, the position of which varies, the width of the bed is from 1½ to 2½ m., and the approaches by a fascine road are good, a ferry (12 boats, each carrying 360 men and 6 smaller ones) during the rains; other boats available on due notice, the passage from Ramabad (on the right bank) occupies 1½ hrs., boats land at Faphtman Ghant; at 8½ m. pass through Malak-Ishar and at the cross-roads (one of which goes to Nawabganj), and the other on the S., metalled, to the usual position of the bridge-of-boats turn N. up the Fyzabad road; pass Chhattipur at 10 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Dr. Commr. of Partabgarh, Partabgarh. | KHARWIN . 1,180 x 1,180 yds. b. | 11½ | 25½ | A village; supplies must be collected; plentiful good water from wells W. of C-G., which is W. of road; country low and liable to inundation at times; road as above; pass near Mhow at 8 m. |
| | | PARTABGARH (BELA). 199,610 yds. p-o. t-s. r-s. b. | 12 | 37½ | A small civil stn.; supplies abundant; plentiful good water from 3 wells near, and the Sai R. ¼ m. from C-G., which is at Bela, 8½ m. N.E., of Partabgarh at the junction of the Allahabad-Fyzabad road; country level, open, and well cultivated; road as above; cross the Kerowli at ¼ and the Kanesta at 4 m., latter 80 yds. wide, both strongly bridged. |
| | | TIRSULI 410 x 410 yds. p-o. b. | 12½ | 49½ | A small village; supplies procurable; plentiful good water from a well N.E. of C-G., which is E. of road; country and road as in last stage; pass Durgapur at 2 and Narsipur at 5 m. |
| | | SULTANPUR 400 x 300 yds. p-o. t-s. | 10 | 59½ | A civil stn.; supplies and good water plentiful; good C-G. (with 2 wells) at Piegipur, 2 m. before reaching Sultanpur; country and road as above. |
| | | KHOREBHAE 360 x 800 yds. | 14 | 73½ | A small village; supplies procurable; plentiful good water from a well S. of C-G., which is E. of road; country and road as above, but latter narrow and winding in the Gumti valley; pass Sultanpur at 2 and Guparganj at 12 m.; a strong wooden bridge is built over the Gumti near Sultanpur and can bear guns taken over singly. |
| | Dr. Commr. of Fyzabad, Fyzabad. | BIKAPUR 83,520 sq. yds. p-o. t-s. | 12½ | 60½ | A village; supplies procurable; good water, for a battn., from a well on C-G., which is E. of road; country and road as above; pass the Chowra-Mulkipur road at ¾ and the Khigraghat-Mulkipur road at 7½ m. |
| | | FYZABAD 114,910 sq. yds. p-o. t-s. r-s. b. | 13 | 99½ | A cantonment and civil stn.; supplies abundant; plentiful good water from 2 wells close to C-G., which is near the B. I. lines, sometimes flooded during the rains; country and road as above; cross the Murba nullah at 8 m. |
| | | Total marches, 8= | | 90½ m. | |
| | | | | | |

Route No. 32.
FROM ALLAHABAD TO JAUNPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | JHUSI . . . | 5½ | 5½ | See Route 266. |
| | | PHULPUR 340 x 330 yds. p-o. | 14½ | 20 | A small town; supplies procurable; plentiful good water from 3 wells on C-G., which is W. of road and 200 yds. S-W. of village; country open and cultivated; road, metalled and bridged throughout, leaves the Grand Trunk Road at Jhusi inspection b.; pass through Yusufpur at 4, Sahson at 6½, Babuganj at 10½, and Ferozepur at 13 m. |
| | Collector of Jaunpur, Jaunpur. | BADSHAHPUR 225 x 135 yds. p-o. | 10½ | 30½ | A small town; supplies procurable; good water, for a battn., on C-G., site for which is N. of road, ½ m. S. of town, liable to inundation in the rains; country and road as above; cross the Barua B. at 4, pass Pandabpur at 6, Parunpur at 8, and Kamalpur at 8½ m. From Badeshabpur a road runs to Partabgarh, distant 28 m. |
| | | MACHLISHAHR 244 x 75 yds. p-o. | 18½ | 44½ | A small town; supplies on notice; good water, for 2 battns., from a well on, and (for animals) from another well near C-G., good site for which is S. of road and ¼ m. W. of village; country and road as above; pass Mudpur at 7, Rajapur at 8, and Butnabail at 11 m. |
| | | SUKHARA 165 x 130 yds. | 8 | 52½ | A small village; supplies on notice; plentiful good water from a well 80 yds. from C-G., good site for which is 100 yds. N. of village; water for animals from the Sai R., crossed at end of stage; country and road as above. |
| | | JAUNPUR 41,820 sq. yds. p-o. t-s. r-s. b. | 11 | 63½ | A small civil stn. and old cantonment on right bank of the Gumti; supplies abundant; plentiful good water from a well on, and (for animals) from the river, ½ m. from C-G., which is about 1½ m. from the city; country and road as above; pass Bela at 5 and Shahanpur at 7 m. |
| | | Total marches, 6= | | 63½ m. | |

Route No. 33.
FROM ALLAHABAD TO JUBBULPORE.
via SOHAGI, REWAH, AND MAIHAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad Dist., Allahabad. | Collector of Allahabad, Allahabad. | GHURPUR 385 x 210 yds. b. | 11½ | 11½ | A village; supplies procurable; plentiful good water from 2 wells 80 yds. from C-G., which is N. of and adjoining village; country fairly cultivated; road raised, metalled, and bridged; cross the ry. at the Rest Camp and the Janna at 3 m. by the ry. bridge, cart-road underneath; after crossing, a metalled road branches off to the left to Naini r-s., 2 m.; pass Dandi at 5½ m. |
| | | JARI 400 x 300 yds. | 8 | 19½ | A large village; supplies procurable; water, for 2 battns., from a well in bazar; animals water at a tank 50 yds. N.E. of C-G., which is 100 yds. S. of village on both sides of road; country open and cultivated; road raised, metalled, and bridged, but falling into disrepair after 3 m.; pass Kanti at 6 m. |

| AUTHORITIES | | Name of place and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|---|----------|---------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | SURWAL 500 x 410 yds. | 8 | 27½ | A small village; supplies on notice; good water from 2 wells, and (for animals, from a tank near C-G, site for which is immediately N. of the cross roads and between them and Surwal which is 500 yds. N.; country open and sparsely cultivated, with patches of open low scrub-jungle; road good, but an old metalled one, though now only kept up as an unmetalled one, pass Dahnri at 3 m. |
| | | SOHAGI 53,000 sq. yds. | 8 | 35½ | A village at the foot of the Sohagi pass, and 0 m. from the Rewah border; supplies procurable; good water from a well and tank near C-G, which is E. of road and ½ m. N. of village; country fairly cultivated; road raised and bridged, but unmetalled; cross the Tameo (bed 500 yds. wide, banks steep and difficult for carts) at Charko village, 4 m., by a ford in the cold season, by ferry (8 boats, each carrying 60 men) in the rains. Sohagi is 18 m. from Shikarpur r.s. on E. I. Ry. |
| | | TINDUA 180 x 115 yds. | 16½ | 51½ | A small village; supplies procurable; water from a well W. of, and a tank near, C-G, good site for which is E. of road; country jaggy at first, then well cultivated and flat up to camp; road as above, a-crods (gradient easy) for first 1½ m.; pass Katra at 7 and Garh at 18 m. |
| G. O. C. Jabalpur. District, Jabalpur. | Political Agent in Rewah, Rewah. | MANGAWAN 128,570 sq. yds p-o. b. | 11½ | 62½ | A large village; supplies ample; good water from a well in b. compound, 30½ yds. S. of, and from a tank in N-E. corner of C-G, which is at junction of Allahabad and Great Deccan roads; country flat and cultivated; road as above; pass Tikari at 2, Diba at 1½, Farwat at 5½, and cross the Palarny Nadi by a flat stony ford at 8½ m. |
| | | RAIPUR 27,360 sq. yds. p-o. b. | 7½ | 70½ | A good-sized village; supplies procurable; plentiful water from the Mahana Nadi 360 yds. to E. of, and a well on C-G, site for which is N. of road and 1 m. N-E. of village; country as above; road raised, bridged, and metalled, practicable for all arms; cross the Bikhala Nadi at 3½ m. and the Mahana Nadi; at end of stage, both by causeways. |
| | | REWAH 330 x 830 yds. p-o. t-s. b. | 10½ | 80½ | A large town; supplies ample; plentiful good water from a well on S-E. corner of, another W. of, and from the Dinar li. close to C-G, which is N. of road; country as above; road raised, bridged, and metalled except last 2 m., practicable for all arms; pass Chaurghat at 3½, Kushia at 5 m. and cross the Dinar at end of stage, by a high causeway; in rainy season the river overflows and is then crossed by a boat carrying 100 men. |
| | | KATRA MOHARI 390 x 330 yds. | 18½ | 94½ | A small village; supplies procurable; drinking water from a tank 180 yds. from N-E. corner of C-G, which is N. of road; country as above; road raised, bridged, and metalled, passable for all arms; pass Churubha at 4, Bola at 7½, and the road leading to Nagode at 7½ m. |
| | | AMARPATAN 400 x 400 yds p-o. b. | 14 | 108½ | A large village; supplies on notice; good and fairly plentiful water from a well about ½ m. S-E. of, and a tank 150 yds. S. of C-G, which is near road and ½ m. S-W. of village; country and road as above. |
| G. O. C. Banda and District, Agra. | Mahr Territory. Pol. Agt. in Baghlanad, Satna. | MAIHAR 240 x 120 yds. p-o. t-s. r-s. b. | 14½ | 122½ | A large walled town, the capital of Mahr State; supplies plentiful; good water from 3 wells near C-G, site for which is 50 yds. W. of road, about ½ m. S. of the city; country and road as above; cross the Tameo R. at 11½ m. The Nagode road (Route 869) branches off at Maihar. |
| | | GUNWARA 220 x 210 yds. | 12½ | 134½ | A village; supplies on notice; plentiful good water from 8 wells near C-G, which is N-W. of village; country and road as above. |
| | | SUBAIGANJ 185 x 170 yds. | 12½ | 147 | A fair-sized village; supplies on notice; plentiful good water from 2 wells in vicinity of C-G, which is 3 furlongs N-E. of village; country undulating with some cultivation; road as above; pass near Amdam r.s. at 4 m. |
| G. O. C. Nerbada District, Jabalpur. | Dy. Commr. of Jabalpur, Jabalpur. | KYLWARA 225 x 180 yds. | 9 | 156 | A small village in British territory; supplies on notice; plentiful good water from 2 wells E. of and near C-G, which is 100 yds. W. of road and about 150 yds. S. of village; country and road as above; at 5 m. pass near Jukehi r.s.; at 6½ m. an unmetalled road leads to Saugor 11½ m. W.; b. at junction. |
| | | MURWARA 337,000 sq. yds. p-o. t-s. r-s. b. | 7½ | 163½ | A small town; supplies plentiful; abundant good water from 3 wells close to C-G, which is S-W. of town; country level, uncultivated, and partly covered with low jungle; road as before; pass Chika at 8, Purana at 4, and cross the Kutni R. at 6½ m. |
| | | PIPRODE. 66,000 sq. yds. | 8 | 171½ | A small village; supplies procurable; plentiful good water from a tank close to camp and from 3 wells in village, 5 of which is C-G, confined and swampy after rain; country very jaggy, in parts rocky; road as before, pass Timjuri at 1 and cross the Nera at 5 m. |
| | | SLIMANABAD (i) 400,000 sq. yds. (ii) 299,500 sq. yds. p-o. | 8½ | 180 | A village; supplies procurable; plentiful good water for northern camp from five wells and the Kutni stream, and for S-W. one from a well and tank; C-G (i) N. of, the other (ii) S-W. of village; country hilly and very jaggy; road as above; cross the Kutni li. and five nullahs en route; pass Nyagurra at 3½ and Teori at 5 m. |
| | | SIHORA 172,500 sq. yds. p-o. t-s. r-s. b. | 13½ | 193½ | A large village; supplies abundant; water plentiful from five wells, two tanks, and a stream; C-G ½ m. N-E. of village; country at first hilly and jaggy afterwards open and cultivated; road as before; pass Koha at 1½, Amoli at 6, and Mohla at 8 m. |
| | | GHOSLUPUR 410 x 350 yds. b. | 8 | 201½ | A village; supplies plentiful; water abundant from five wells and a tank; C-G 600 yds. S. of village; country flat, open, and cultivated; road installed, bridges over two nullahs, practicable for all arms; cross the Hiran R. at ½ m. by ford in dry season, by ferry (carrying 80 men) in the rains. |
| | | PANAGAR 250 x 160 yds. p-o. | 9 | 210½ | A good-sized village; supplies plentiful; water abundant from numerous wells and tanks; C-G S. of village, 800 yds. E. of road, marshy in rains, shaded by mango trees; country undulating at first, then open with cultivation; road metalled and bridged; practicable for all arms. |
| | | JUBBULPORE (680 x 300 yds. rest camp) p-o. t-s. r-s. b. | 9 | 219½ | A cantonment and civil stn.; supplies procurable; water for rest camp from wells, and pipe, and for C-G (260 x 200 yds.), which lies N-W. of civil lines, and E. of city, from wells and a stream; country as in last stage; road metalled, suitable for all arms; cross the Paragut by bridge and a dry nullah, which has to be forded in the rains, bed paved with stones. For roads from Jabalpur to Mhow and Raipur, see Bombay Route Book Nos. 227, and 257, respectively. |
| | | Total marches, 21= | | 219½ m. | |

FROM ALLAHABAD TO JUBBULPORE.

via LALGANJ, THE KATRA PASS, REWAH, AND MAIHAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Ry. Rest Bornecks to— | | | NOTE.—This route is impassable in the rains up to Lalganj. |
| | | KARCHANA 70,000 sq. yds. p-o. t-s. r-s. | 15½ | 15½ | A small town; supplies on notice; plentiful good water from 5 wells and from tanks near C-G, which is N. of village and in mango grove, liable to be flooded after heavy rain; Karchana r-s. 2 m. N-W.; road, unmetalled beyond Naici r-s., passed at 6½ m., is bridged across large nullahs; cross the Jumna at 8 m. by ry. bridge; cart-road underneath. |
| | | MEJA (SIRSA ROAD) RY. STATION 800 × 200 yds. p-o. t-s. | 10½ | 25½ | A r-s. on E. L. Ry., 3 m. from the town of Sirsa; supplies on notice; plentiful good water from wells and tanks in vicinity of C-G, which is 200 yds. N. of r-s.; country near Karchana cultivated and well wooded, but bare and low and broken by nullahs near the Tonse; road raised, but generally unbridged; good in dry weather, but impassable in the rains; at 7½ m. cross the Tonse by a bridge similar to that over the Jumna; there is another site for encampment 1,000 yds. S-E. of that above described. |
| | | CHILBILLA 160,000 sq. yds. | 18 | 38½ | A small village; supplies on notice; fair water, scarce in dry weather, from wells in vicinity of C-G, which is in a grove of trees, ½ m. N-W. of village; water for animals from two tanks; Nahwai r-s. ½ m. N-E.; road neither raised, metalled, nor bridged; cross the ry. at about 10 m. |
| | | LALGANJ 136,880 sq. yds. p-o. b. | 19½ | 52½ | A small village; supplies on notice; plentiful good water from 4 wells, one on, and the others near C-G, which is N-W. of village and on left of road; water also from a nullah ½ m. E.; road as in preceding stage up to Bairatganj, then country becomes hilly, and road is bad in places for carts; pass Rajapur at 2½ m.; a nullah is crossed under a rocky ridge just beyond Rajapur, sandy, but generally not difficult; pass Bairatganj, a small town, at 8½, Neorha at 9½, and Manikpur at 11½ m.; join the Grand Deccan road at Lalganj, from which place Benares is distant 60 m. |
| | | BARRAUNDA 16,500 sq. yds. b. | 7½ | 60½ | A small village; supplies on notice; good water from a well and the Biland R., 200 yds. from which is site for C-G; country undulating and partly cultivated; road raised, metalled, and partially bridged; cross the Gudhia nullah at 6 m. by a ford, passable except after very heavy rain, and pass Barraunda ½ m. before reaching camp. |
| | | DRUMMONDGANJ (KATRA PASS) 26,180 sq. yds. p-o. b. | 7½ | 67½ | A large bazar; supplies plentiful; good water from two wells and from the Seoti, near which and on right of road is site for C-G; country and road as above; cross the Biland on starting, by a causeway in dry weather, by ferry (several small boats) in the rains, and the Seoti stream (bridged) at end of stage. |
| | | HANUMANA 177,200 sq. yds. | 11 | 78½ | A village and large bazar; supplies on notice; plentiful good water from 2 wells and a tank near C-G, which is on left of road; country wooded, with low jungle and but little cultivation; road as above; for 2 m. ascend the Katra pass to a table-land 1,200 ft. above the sea and 700 ft. above the adjoining country; enter Rewah territory at 8 and pass Bhaismar at 9 m. |
| | | MAUGANJ 214 × 110 yds. p-o. b. | 15 | 93½ | A large village; supplies ample; good water from a well on C-G., site for which is N. of road; country flat and cultivated; road raised, bridged, and metalled, passable for all arms; nullahs are crossed by causeways; pass Bijholi at 5, Kharkari at 7½, and Tanman at 12 m. |
| | | LOUR 320 × 280 yds. | 12 | 105½ | A small village; supplies procurable; good water from a well (diameter 4 ft., depth of water 10 ft.) 40 yds. S. of C-G, which is N. of road, and beyond the village; country and road as above; cross the Salar Nadi at 3, the Odda Nadi at 6, both by causeways, pass Samaria at 6 and Amaratal at 8½ m. |
| G. O. C. North India District, Allahabad. | Collector of Mirzapur, Mirzapur. | MANGAWAN | 10 | 116½ | Country flat and cultivated; road raised, bridged, and metalled, suitable for all arms; pass Raghunathganj at 4, cross the Pakera Nadi at 6, and the Singari Nadi at 9 m., both by causeways. |
| | | RAIPUR | 7½ | 123½ | |
| | | REWAH | 10½ | 133½ | |
| | | KATRA MOHARI | 13½ | 147 | |
| | | AMARPATAN | 14 | 161 | |
| | | MAIHAR | 14½ | 175½ | |
| | | GUNWARA | 12½ | 187½ | |
| | | SUBAHGANJ | 12½ | 199½ | |
| | | KYLWARA | 9 | 208½ | |
| | | MURWARA | 7½ | 216½ | |
| G. O. C. North India District, Allahabad. | Collector of Mirzapur, Mirzapur. | PIPRODE | 8 | 224½ | |
| | | SLIMANABAD | 8½ | 232½ | |
| | | SIHORA | 18½ | 240½ | |
| | | GHOSULPUR | 8 | 254½ | |
| | | PANAGAR | 9 | 263½ | |
| | | JUBBULPORE | 9 | 272½ | |
| | | Total marches, 25= | | | |
| | | 272½ m. | | | |
| | | | | | See Route 38. |

Route No. 34.
FROM ALLAHABAD TO MIRZAPUR.
via THE LEFT BANK OF THE GANGES.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Allahabad, Allahabad. | From the Ry. Rest Barracks to— | | | See Route 286. |
| | | JHUSI . . . | 5½ | 5½ | |
| | | SAIDABAD . . . | 13½ | 19½ | |
| | | BARAUT . . . | 10 | 29½ | |
| | Collector of Mirzapur, Mirzapur. | GOPIGANJ . . . | 12 | 41½ | A village; supplies procurable; plentiful good water from the Ganges and village wells; good space available for C-G. by roadside; country well cultivated; road metalled and bridged; pass Gopura at 2½, Amwa at 3, Jagarnathpura at 4½, Nari at 6½, Ohetgarj at 7½, Almorah at 9, and Mawnya at 11½ m. |
| | | NARGHAT . . . p-o. | 12½ | 54 | |
| | | MIRZAPUR . . . 23,020 sq. yds. p-o. t-s. r-s. b. | 4 | 58 | |
| | | Total marches, 6 = 68 m. | | | |

Route No. 34(a).
FROM ALLAHABAD TO MIRZAPUR.
via THE RIGHT BANK OF THE GANGES.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Allahabad, Allahabad. | KARCHANA . . . | 15½ | 15½ | See Route 33(a). |
| | | MEJA (SIRSA ROAD) RY. STN. | 10½ | 26½ | |
| | | CHILBILLA . . . | 13 | 39½ | |
| | | NARAUNA . . . | 12½ | 50½ | |
| | Collector of Mirzapur, Mirzapur. | MIRZAPUR . . . | 12½ | 63½ | A group of small villages near the left bank of the Karnauti; supplies must be collected; good water from the river and a well on C-G., site for which is in a small grove of trees on left of the road; country at first low and liable to inundation in places, afterwards high undulating ground towards low hills on the right; road bad, unmetalled, and unbridged; leave the Jubbulpore road at 1, cross the ry. by a level-crossing at 1½, pass Pah at 4, Besta at 7½, and Kalna at 10 m., whence an unmetalled road runs to Garpura r-s. See Route 34 Country rather hilly; road raised, metalled, and bridged after 3 m.; ford the Karnauti soon after starting; during the rains, when the river is in flood, one boat carrying 20 men is available, large boats carrying 100 men each on notice; cross the ry. at Sheopur at 5, pass Bmdhnachal at 6½, and cross the Aujhala R at 0½ m. |
| | | Total marches, 6 = 63½ m. | | | |
| | | | | | |
| | | | | | |

Route No. 35.
FROM ALLAHABAD TO NAGODE.
via THE SOHAGI PASS, REWAH, AND MADHOGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|---------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Allahabad, Allahabad. | GHURPUR . . . | 11½ | 11½ | See Route 33. |
| | | JARI . . . | 8 | 19½ | |
| | | SURWAL . . . | 8 | 27½ | |
| | | SOHAGI . . . | 8 | 35½ | |
| | Political Agent in Benar, Rewah. | TINDUA . . . | 15½ | 51½ | |
| | | MANGAWAN . . . | 11½ | 62½ | |
| | | RAIPUR . . . | 7½ | 70½ | |
| | | REWAH . . . | 10½ | 80½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------------|--|-----------|---------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Agra. | RAMPUR 380 x 380 yds. p-o. b. | 16½ | 96½ | A medium-sized village; supplies ample; water from a well (diameter 6 ft., depth of water 6½ ft.) in b. compound, also from the Near Nadi; C-G. N. of the Sutna-Bela road; country flat and cultivated; road raised, bridged, and metalled, suitable for all arms; nullahs crossed by causeways; pass Rewar at 7½ m. |
| | | MADHOGARH 380 x 380 yds. p-o. b. | 9½ | 106½ | |
| | | SUTNA 280 x 220 yds. p-o. t-s. r-s. b. | 6 | 112½ | |
| | | NAGODE 300 x 300 yds. p-o. b. | 15½ | 128½ | |
| | | Total marches, 12= | | 128½ m. | |

Route No. 36.
FROM ALLAHABAD TO RAE-BARELI.
via NAWABGANJ AND SALON.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Col. of Allahabad. | From the Ry. Rest Barracks to— | | | |
| | | NAWABGANJ 300 x 300 yds. p-o. | 14½ | 14½ | A large village; supplies on notice; good water from 4 wells, one on, and the others in the vicinity of C-G., which is in a mango grove, S. of road and 4 m. E. of village; country level and well cultivated; road, as far as Malakharhar, as described in Route 31, against the stage Sorson, thence unmetalled, but bridged and in good order. |
| | | BIHAR 24,000 sq. yds. p-o. | 12½ | 26½ | An old town surrounded by jheels; supplies on notice; plentiful good water from 8 wells on C-G., site for which is N. of road; country level, open, and well cultivated; road unmetalled, but raised and bridged, fit for all arms throughout the year; pass Uda at 1½ and Gopalganj at 8½ m., whence the road to Rae-Bareilly and Mankipur branches off. |
| | | NEWADA 24,000 sq. yds. | 12½ | 39½ | A village; supplies procurable; good water for 1,500 men from masonry wells, in vicinity of C-G., site for which is on both sides of the road; country and road as in last stage. |
| | | SALON 62,610 sq. yds. p-o. b. | 13 | 52½ | A town; supplies procurable; abundant good water from 2 wells S. of C-G., which is W. of road; country as above; road partly metalled, but bridged throughout and practicable for all arms throughout the year. |
| | | KUNOWLI 320 x 320 yds. | 10 | 62½ | A small village; supplies procurable; good water, for 2 battns., from a well on C-G., which is E. of road; country well cultivated, but low and swampy in places; road as in last stage. |
| | | RAE-BAREILLY 165 x 140 yds. p-o. t-s. r-s. b. Total marches, 6=71½ m. | 9 | 71½ | A small civil sta.; supplies abundant; plentiful good water from a well on C-G., level site for which is S. of road; country and road as in last stage, latter runs parallel to Lucknow, Rae-Bareilly, and Benares Ry. |

Route No. 36(a).
FROM ALLAHABAD TO RAE-BARELI.
via THE GRAND TRUNK ROAD AND MANIKPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh G. O. C. Allahabad Dist., Lucknow. Dist. Allahabad. | Collector of Allahabad. | From the Ry. Rest Barracks to— | | | NOTE.—Route 86 is preferable except in the rains, when this is better, being metalled for a greater distance. See Route 266. |
| | | MUFTI-KE-PURWA | 10½ | 10½ | |
| | | KOKKHIRAJ | 14 | 24½ | |
| | | SAINI | 18½ | 37½ | |
| | | MANIRPUR . 24,200 sq. yds. p-o. | 9½ | 47 | |
| | | | | | An old city on left bank of the Ganges; supplies on notice; water of indifferent quality from 8 wells on, and 2 in vicinity of C.G., site for which is near the town and on both sides of the road; country level, open and well cultivated; road metalled and bridged for first 1½ m., thence unmetalled but fair; leaves the Grand Trunk Road at Saini, and turn N. crossing the Ganges at end of stage, by ferry, 3 boats, each carrying 160 men, and others on notice; the bed of the river is sandy and about 2 m. wide. |

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS |
|----------------------------------|---|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Rae-Bareilly, Rae-Bareilly. | MUSTAFABAD 20,010 sq. yds. p-o | 12 | 60 | A village; supplies procurable; plentiful good water from wells in vicinity of O-G, level site for which is near village; country as above; road unmetalled, but bridged and practicable for all arms. |
| | | JAGATPUR 60,500 sq. yds. p-o | 12 | 71 | |
| | | RAE-BAREILLY | 12 | 83 | See Route 30. Country fairly cultivated; road as above for first 8 m, thence metalled; cross the Gai R. at 11 m. |
| | | Total marches, 7 = 84 m. | | | |

Route No. 36(b).
FROM ALLAHABAD TO RAE-BAREILLY.
via NAWABGANJ AND MANIKPUR.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Colt. of Allahabad, Allahabad. | NAWABGANJ | 11½ | 14½ | See Route 36. |
| | | LALGANJ (GOALGANJ). 48,400 sq. yds. p-o | 8½ | 22½ | |
| | | KUNDA 48,400 sq. yds. p-o | 9 | 31½ | A good-sized village; supplies on notice; plentiful good water from 3 wells on O-G, which is N. of road and near village; country and road as above. |
| | | MANIKPUR | 8 | 39½ | |
| | | MUSTAFABAD | 12 | 51½ | Country and road as before. |
| | | JAGATPUR | 12 | 63½ | |
| | | RAE-BAREILLY | 12 | 75½ | |
| | | Total marches, 7 = 76½ m. | | | See Route 36 (a). For other remarks see Route 36 |
| | | | | | |
| | | | | | |

Route No. 37.
FROM ALLAHABAD TO SAUGOR.
via THE SOHAGI PASS, MAIHAR, PIPARIA GHAT, AND DAMOH.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS |
|---|----------------------------------|---|----------|-------|---------------|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Colt. of Allahabad, Allahabad. | GHURPUR | 11½ | 11½ | See Route 33. |
| | | JARI | 8 | 19½ | |
| | | SURWAL | 8 | 27½ | |
| | | SOHAGI | 8 | 35½ | |
| | | TINDUA | 16½ | 51½ | |
| | | MANGAWAN | 11½ | 62½ | |
| | | RAIPUR | 7½ | 70½ | |
| | | REWARH | 10½ | 80½ | |
| | | KATEA MOHARI | 13½ | 94½ | |
| | | ANARPATAN | 14 | 108½ | |
| G. O. C. Bundelkhand District, Agra. | Pol. Agt. in Bundelkhand, Sutra. | MAIHAR | 14½ | 122½ | |
| | | GUNWARA | 12½ | 134½ | |
| | | SUBHANGJ | 12½ | 147 | |

| AUTHORITY. | | Name of stage and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| U. O. C. Bundelkhand District, Agra. | Panna Territory, Bundelkhand District, Agra. | PURAINA 350 x 130 yds. | 13½ | 160½ | A village; supplies on notice; plentiful good water from 3 wells on, and one near C-G, which is 700 yds. S. of village, where there are 2 tanks; country jungly with sparse cultivation; road for first 6½ m. unmetalled, thence unmetalled and in places stony, suitable for cavalry; pass Jokabi at 3½ and cross the Alone R. at 10 m., by a ford (25 ft. wide, depth of water 3 ft., bed rocky and difficult) |
| G. O. C. Nerbudda District, Jabalpur. | Dy. Commr. of Panna Territory, Jabalpur. | HARDWARA 10,360 sq. yds. | 7½ | 168½ | A small village; supplies on notice; plentiful good water from the Kan, and 2 wells in village, 700 yds. E. of which is site for C-G.; country open, level, and cultivated; road as in latter part of last stage, cross the Kan (fordable except after heavy rain) at 1, and pass Saida at 5 m. |
| | | BARTALLA 21,200 sq. yds. | 8 | 176½ | A small village; supplies on notice; good water from a stream, and a large tank 500 yds. S. of C-G., site for which is 400 yds. W. of village; country jungly with sparse cultivation; road unmetalled, but bridged, and suitable for all arms; pass Dhanish at 2, Riti at 3, and Mohanoo at 5 m. |
| U. O. C. Bundelkhand District, Agra. | Panna Territory, Bundelkhand District, Agra. | RAIPURA 400 x 300 yds. | 6½ | 183½ | A large village; supplies on notice; plentiful good water from a stream, wells, and tanks in vicinity of C-G., which is 800 yds. W. of village; country jungly and partly cultivated; road unmetalled, but suitable for all arms; pass Burgain at 3 and Hirpur at 4 m.; cross 3 nullahs en route by easy fords. |
| | | KUMHARI 147,620 sq. yds. | 9½ | 192½ | A moderate-sized village; supplies procurable; good water from a tank, stream and 2 wells in vicinity of C-G., which is E. of village; country hilly, jungly, and barren; road as in last stage, but very difficult for artillery on account of 2 stony ghats, which have to be crossed, one soon after leaving Raipura, length 1 m., the other at 4½ m., length 2½ m.; pass Imien at 2½ m.; cross 3 large nullahs, approaches steep, and 5 small hill streams, beds stony, by fords. |
| | | PIPARIA GHAT 166,490 sq. yds. | 8½ | 200½ | A small village on the Bearmi; supplies on notice; good water from the river and wells in village; C-G. N. of road; country jungly, undulating, and partly cultivated; road as in last stage; ascend a steep ghat at 3½ m. and cross the Bearmi (bed rocky, 200 yds. wide, approaches steep) in the 8th m., by ford in dry season, by ferry (2 boats, each carrying 12 men) in the rains. |
| | | BELTURA 32,260 sq. yds. | 7½ | 208½ | A few houses; supplies on notice; good water from 2 wells, one 160 yds. N.E. of, dried up from April, the other across the road near C-G., which is N. of road; country hilly and jungly; road, as above, passes over 2 steep ghats, and crosses 16 nullahs, those not bridged having muddy approaches and stony beds. |
| | | DAMOH 53,330 sq. yds. p.o. t.s. r.s. b. | 13 | 221½ | A small civil stn.; supplies ample; plentiful good water from 3 wells, one on, the other in vicinity of, C-G., which is S. of road and about ½ m. from bazar; country level and partly cultivated; road unmetalled, but bridged, and suitable for all arms; pass Arnu at 5, Samanni at 8, and Dharupura at 9 m. |
| | | BANSA 57,120 sq. yds. | 7½ | 228½ | A moderate-sized village near the Kopra; supplies procurable; plentiful water from the river, on E. bank of which, and 180 yds. from the village, is C-G.; country level and cultivated; road as in last stage, but metalled for first mile; pass Korrana at 4, Behora and Padaryah at 6 m. |
| | | GADHARIA 35,960 sq. yds. p.o. | 12½ | 241½ | A large village on the Gadheri; good water from a well on, and the nullah near C-G., which is S. of road; country as above; road metalled for first 5 m., remainder unmetalled, but suitable for all arms; cross the Kopra (100 ft. wide) on starting, by ford in the dry season, by ferry (several boats) in the rains, and the Sonar (330 ft. wide) and Gadheri en route, both by causeways in dry weather, by ferry during rains. |
| | | PARSORIA 59,000 sq. yds. | 14 | 255½ | A small village; supplies procurable; good water from a well in a garden near C-G., which is S. of village; country undulating and cultivated, jungly at 8 m.; road metalled and bridged, suitable for all arms. |
| | | SAUGOR p.o. t.s. r.s. b. | 14½ | 270½ | A town, cantonment, and civil stn.; supplies plentiful; abundant good water from wells; C-G. accommodating about 6 battns., on brigade parade ground between the police and cavalry lines; country undulating and jungly for 11 m., thence cultivated; road as in last stage; cross the Beas R. at 2 m., by an iron suspension bridge. For a road from Saugor to Kamptee, see Bombay Route Book No. 216. |
| | | Total marches, 25 = | | | |
| | | 270½ m. | | | |

Route No. 38.

FROM ALLAHABAD TO SHIURAJPUR. (ARTILLERY PRACTICE CAMP.)

| AUTHORITY. | | Name of stage and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Rty. Rest Barracks to— | | | |
| | | DANDI | 5½ | 5½ | A small village in the 2nd m. of the Allahabad-Rewah road, on right bank of the Jumna; supplies on notice; plentiful good water from 3 wells, one opposite village on W. side, one further W., and one E. by roadside; site for C-G., on a large area of flat ground on both sides of the road, also a mango top on W. of road; country flat; the Jumna is reached at 4 m. and is bridged by a very fine iron girder bridge, having an upper road for the ry. and a lower one for ordinary traffic; at the S. end of the bridge the road bifurcates, the left going on to Naini, Karakana, etc., and the right to Dandi. There are many routes from the Rty. Barracks to the Jumna bridge, but the best would appear to be Cawnpore road, Canning road, and Southern road, these are suitable for wheeled traffic. |

| AUTHORITIES | | Name of stages and site of encamping grounds. | DISTANCE | | REMARKS |
|---|------------------------------------|---|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | BARAH . 116 x 95 yds. p-o. | 14 | 10½ | A village and sub-treasury; supplies on notice; indifferent water, for a bathing, from 2 wells opposite teah; animals water from a large jheel 50 yds. S-E. of O-G., site for which is ½ m. N. of village; country open and well cultivated; from Daudi for 8½ m. the road is metalled and bridged; at 6 m. pass Ghurpur inspection b., where there is a small site for encampment; pass Gohania village on right of road, and leave the metalled road to Jukulpore; remainder of the route is unmetalled, but in good order and passable at all seasons; at 10½ m. cross the ry. by a level-crossing 300 yds. from Jara r-a. |
| | | SHIURAJPUR . 62,800 sq. yds. p-o. r-a. | 9 | 23½ | A village; supplies on notice; plentiful good water from wells, tanks, and streams in vicinity of O-G., which is by the roadside, and about 1 m. S. of village; the r-a is 1½ m. S. of camp; country partly cultivated with low hills here and there; road unmetalled, bad, uneven, and stony, impassable after heavy rain; up to the 4th m. it crosses several nullahs which are not bridged, but fordable; the road then gradually ascends to the Shiurajpur plain, which it crosses winding along the foot of low hills in the 9th m.; a nullah, with a rocky bed, is crossed 100 yds. from the camp, always fordable; the artillery practice ground lies N-E. of village and is on the W. of the road and distant from the latter about 6 furlongs; it measures 1 m. in length and ½ m. wide. This road is not a good one at any time, but is passable during the dry season. |
| | | Total marches, 8 = 28½ m | | | |

Route No. 39.
FROM ALLAHABAD TO UNAO.
via NAWABGANJ AND BIHAR.

| AUTHORITIES | | Name of stages and site of encamping grounds. | DISTANCE | | REMARKS |
|---|-----------------------------------|---|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Allahabad, Allahabad. | NAWABGANJ . | 14½ | 14½ | See Route 36. |
| | | LALGANJ (GOPALGANJ). | 8½ | 23½ | See Route 36 (b). |
| | | KUNDA . | 9 | 31½ | |
| | | MANIKPUR . | 8 | 39½ | |
| | | MUSTAFABAD . | 12 | 51½ | See Route 36 (a). |
| | | JAGATPUR . | 19 | 69½ | |
| | | DILAWAR . 10,000 sq. yds. p-o. | 13 | 70½ | A small village; supplies procurable; abundant good water from wells on C-G., site for which is 1 m. S. of the junction of this road with the Fatehpur-Rae-Bareilly road; country low and sandy; road raised, bridged, but unmetalled, general width between drains 40 ft. with 25 ft. raised part, flooded in places during rains; nullahs strongly bridged. |
| | | LALGANJ . 60,000 sq. yds. p-o. | 8 | 84½ | A large village; supplies procurable; plentiful good water from a well on C-G., site for which is N. of barar; country and road as in last stage; cross a nullah en route, unbridged but fordable, depth of water about 8 ft., bed firm; only impassable after very heavy rain. |
| | | BIHAR . 300 x 250 yds. p-o. | 16 | 90½ | A small village; supplies on notice; good water, for 2 batins, from 2 wells N. of, and from a tank and jheel close to, C-G., which is S. of road; country as above; road unmetalled, but raised and bridged, practicable for all arms throughout the year. |
| | | BIGHAPUR . 500 x 170 yds. | 13 | 111½ | A small village; supplies on notice; plentiful good water from 3 wells, and (for animals) from a pond in the immediate vicinity of C-G., which is S. of road and W. of village; country for 6 m. undulating in parts, thence level and open; road as in last stage; cross a large nullah (strongly bridged) at 1½, pass a road to Bahkighat on the Ganges (12 m. S.) at 2, and Manpur at 8 m. |
| G. O. C. Oudh District, Lucknow. | Depy. Commissioner of Unao, Unao. | ACHALGANJ . 800 x 200 yds. p-o. | 10 | 121½ | A good-sized village; supplies on notice; good water, for 1,500 men, from 2 wells, and (for animals) from a pond in vicinity of C-G., which lies W. of village and S. of road; country slightly undulating; road level, unmetalled for 9 m., thence metalled, raised, and bridged. |
| | | UNAO . 440 x 440 yds. p-o t-s r-a. b. | 8 | 129½ | A small city and civil stn.; supplies procurable; abundant good water from 3 wells close to C-G., which is near the road; country level and open; road metalled and bridged; pass the road to Cawnpore (about 12 m. W.) at 1 m. |
| | | Total marches, 12 = 129½ m | | | |

Route No. 40.
FROM ALMORA TO LANDOUR.
via DWARAHAT, BUNOIHAT, FAURI, AND TEHRI.

| AUTHORITIES | | Name of stages and site of encamping grounds. | DISTANCE | | REMARKS |
|---|--------------------------------|---|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Depy. Commr. of Kanan, Almora. | BANSKHET . 100 x 60 yds. p-o. b. | 18½ | 18½ | A village, elevation 4,800 ft.; supplies on notice; abundant good water from a stream; J-G. in b. compound; country mountainous; road, 8 ft. wide, unmetalled, steepest gradient 1 in 12, in good order, but not suitable for wheeled transport; cross the Koel, bridged, at about 6 m. |

| AUTHORITY. | | Names of places and also of encamping grounds. | DISTANCE. | | REMARKS. | |
|---------------------------------------|----------------------------------|---|-----------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Rohilund District, Bareilly. | Dy. Commr. of Kumaon, Almora. | DWARAHAT . 280 x 70 yds. p-o. b. | 12½ | 25½ | A village, elevation 5,000 ft.; supplies procurable on notice; abundant good water from three springs; C-G. in and around b. compound; country and road as above. | |
| | | GANAI . 125 x 50 yds. p-o. b. | 9½ | 85½ | A small village on a spur above the Ramganga R.; supplies on notice; good water from the river and a small stream; C-G. in b. compound; country and road as above. | |
| | | DEGHAT . 165 x 50 yds. p-o. b. | 11½ | 47½ | A small village on right bank of a branch of the Ramganga; supplies on notice, plentiful good water from the river; site for C-G. about 1 m. W. of village country and road as before; the Ramganga R., bridged, is crossed en route. | |
| | | BUNGIDHAR . 300 x 200 yds. p-o. b. | 9½ | 56½ | A small village; supplies on notice; good water from two streams; C-G. W. of b.; country and road as before. | |
| | | KAINUR . 300 x 300 yds. p-o. b. | 14 | 70½ | A large village; supplies on notice; plentiful good water from the Nayar R.; C-G. near b.; country and road as before; the Nayar R., bridged, is crossed at end of march. | |
| | | SAKUANA . 200 x 200 yds. b. | 8 | 78½ | A small village; supplies scarce; good water from a spring, to W. of which is site for C-G.; country and road as before. | |
| | | SINKHET . 200 x 200 yds. p-o. t-s. b. | 10½ | 89½ | A small village on bank of the Nayar R.; supplies scarce; good water from the river, to W. of which is a site for C-G.; country and road as before. | |
| | | PAURI . 300 x 200 yds. p-o. t-s. b. | 10½ | 99½ | A small civil stn.; supplies procurable; good water from a tributary of the Alaknanda R.; C-G. S. of b. and above the b.; country and road as above; the Nayar R., bridged, is crossed on starting. | |
| | | SRINAGAR . 400 x 200 yds. p-o. t-s. b. | 8 | 107½ | A town on left bank of the Alaknanda R.; supplies procurable; plentiful good water from the river, some 300 yds. S. of which is C-G.; country and road as before, latter, a good mule track. | |
| | | TAKOLI . 200 x 80 yds. | 13 | 120½ | A small village; supplies scarce; plentiful good water from streams; site for C-G. on cultivated land near village; country and road as before; the Alaknanda R., bridged, is crossed on starting. | |
| | | TEHRI . 300 x 200 yds. p-o. t-s. b. | 11½ | 132½ | A small town, the residence of the Rajah of Garhwal, situated on the left bank of the Bhagirati R.; supplies procurable; plentiful good water from the river; C-G. near but above the b.; country and road as before. | |
| | | KAURIAGALLA . 300 x 200 yds. b. | 11½ | 143½ | A small village; supplies must be collected; plentiful good water from a stream; C-G. on cultivated land W. of b.; country and road as before; the first 3 m. are level and the remainder up-hill; the Bhagirati R., bridged, is crossed at beginning of march. | |
| | | DHANAUTI . 400 x 150 yds. b. | 13 | 156½ | A small village, elevation 8,500 ft.; supplies must be collected; water scarce and at some distance below the village; C-G. in fields close to village; country and road as before. | |
| | | LANDOUR . p-o. t-s. | 18½ | 170½ | A small cantonment and convalescent depot, elevation 7,288 ft.; supplies abundant; plentiful good water from a spring on hillside about 1 m. S. of C-G., small site for which is on the parade ground; country as before; road, a mule track, 6 to 8 ft. wide. | |
| | | Total marches, 16= | | | | |
| | | 170½ m. | | | | |

Route No. 40(a).
FROM ALMORA TO LANDOUR.
via DWARAHAT, PAURI, AND DEHRA-DUN.

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|---|---------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | By Commr. of Kumaon, Almora. Deputy Commissioner of Garhwal, Pauri. | BANSKHET . . . | 18½ | 18½ | See Route 40. |
| | | DWARAHAT . . . | 12½ | 25½ | |
| | | GANAI . . . | 9½ | 35½ | |
| | | DEGHAT . . . | 11½ | 47½ | |
| | | BUNGIDHAR . . . | 9½ | 56½ | |
| | | KAINUR . . . | 14 | 70½ | |
| | | SAKUANA . . . | 8 | 78½ | |
| | | SINKHET . . . | 10½ | 89½ | |
| | | PAURI . . . | 10½ | 99½ | |
| | | SRINAGAR . . . | 8 | 107½ | |
| | | BADAKOTI 130 x 30 yds. | 14½ | 122½ | |
| | | BYAGHAT 130 x 100 yds. | 11½ | 133½ | |
| | | CHANDPUR . . . | 10½ | 141½ | |
| | | BHAIKAGNA 155 x 100 yds. | 12 | 156½ | |
| | | | | A few huts; supplies on notice; good water from the Alaknanda R., 130 yds. S-E. of which is site for C-G.; country mountainous; road unmetalled, from 4 to 6 ft. wide, almost level, passable for infantry and pack animals; cross the Khanderghat R., bridged, en route. | |
| | | | | A few huts; supplies on notice; water from the Ganges, 170 yds. S. of which is site for C-G.; country and road as above; cross the Nanda R., bridged, en route. | |
| | | | | A village; supplies on notice; water from the river below village and near small site for C-G.; country and road as before. | |
| | | | | A few huts; supplies on notice; water from the Hymal R. (fordable except after heavy rain), 70 yds. S. of which is site for C-G.; country and road as above. | |

Route No. 43. FROM ALMORA TO NAINI TAL. via KHAIKUNA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Dr. Commr. of Kumaon, Naini Tal, Naini Tal, Almora. | KAKIGHAT . 200 x 80 yds. | 13 | 13 | A village; supplies on notice; good water from the Kosi R. and a spring 60 yds. from C-G., which is close to road, 1 m. from village; country mountainous; road 12 ft. wide, unmetalled, but bridged, and passable for cavalry; a gradual descent for first 3½ m., afterwards steep; pass Soolia at 3½, and Karttagarh at 9½ m., where a ravine is crossed by a wooden bridge. |
| | | KHAIRNA . 680 x 40 yds. p-o. b. | 6½ | 19½ | A large village; supplies on notice; good water from the Kosi, and a spring 80 yds. from C-G., which is 40 yds. from the road; country as above; road metalled, level, and passable for all arms. |
| | | NAINI TAL . (a) 100 x 40 yds. (b) 250 x 100 yds. p-o. t-a. b. | 11 | 30½ | A large hill stn., hd-qrs. of the Bengal Command, and a small convalescent depot; supplies abundant; good water from the lake; there are two small sites for C-G. (a) in cantonment, with a pipe water-supply, and (b) at N. end of lake, 2 m. from (a); route for the first 4 m. is a 12-ft. cart-road as far as Raigat (encampment here), thence a 6-ft. bridle-path, suitable for mule transport, with a very steep ascent, several small streams being crossed. |
| | | Total marches, 8= | | | |

Route No. 43(a). FROM ALMORA TO NAINI TAL. via RAMGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Dr. Commr. of Kumaon, Naini Tal, Naini Tal, Almora. | PEORA . 640 x 680 yds. b. | 9½ | 9½ | A village; supplies from Almora on notice; good water from a stream E. of b. below which and N. of road is C-G.; country mountainous; road, an unmetalled bridle path, 6 ft. wide, very rough and stony, nearly level for first 1½ m., thence down and up-hill; cross the Suni R., after a steep descent, by a suspension bridge 80 yds. long, 4 ft. wide, passable for cavalry in single file. |
| | | RAMGARH . b. | 9½ | 19½ | A village; supplies on notice; good water, for ½ bathn., from a covered reservoir at E. side of b., below which is small site for C-G.; country as above; road 8 ft. wide, and as in last stage, but not so rough, greatest gradient 1 in 8. |
| | | NAINI TAL . | 13½ | 33 | See Route 43. Country and road as in last stage. |
| | | Total marches, 8= | | | |

Route No. 44. FROM ALMORA TO PITHORAGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Dr. Commr. of Kumaon, Naini Tal, Almora. | PANWANOUA . b. | 14 | 14 | A village; supplies on notice; good water for 100 men from a wooden pipe; small site for C-G. by roadside near b.; country mountainous; road, unmetalled, 8 ft. wide, ascends for 2 m., descends for 5 m., gradients 1 in 12, remainder level, passable for pack animals, runs along the bank of the Suni R. |
| | | NAINI . b. | 10½ | 24½ | A village; supplies on notice; good water for 200 men from a wooden pipe, 300 yds. from C-G., small site for which is near the b.; country and road as in last stage. |
| | | GANGOLIHAT . p-o. b. | 10½ | 35 | A village; supplies on notice; good water for 400 men from a well close to C-G., small site for which is near bazar; country and road as above; cross the Sarju R. at 6 m. |
| | | BANS . b. | 10½ | 45½ | A village; supplies on notice; good but limited water from a well 40 yds. from C-G., small site for which is near b.; country as above; road in good order. |
| | | PITHORAGARH . p-o. b. | 7 | 52½ | A small cantonment, elevation 5,463 ft.; supplies on notice; good water, for ½ bathn., from 2 wells in cantonments, where there is a small site for C-G.; country as above; road good and easy. |
| | | Total marches, 6= | | | |

Route No. 45. FROM ALMORA TO RANIKHET.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Dr. Commr. of Kumaon, Almora. | KATARNAL . 200 x 60 yds. b. | 9 | 9 | A small village, elevation 4,000 ft.; supplies on notice; plentiful good water from a spring near b. and also from the river below road, C-G. by roadside at 9th m.; road, 14 ft. wide, metalled, very gradient, suitable for all arms; pass Pandi Khola at 2, Senuwa at 4½, Moteba at 6½, and cross the Kosi R. by girder bridge at 7½ m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilmand Dist., Bareilly. | Cantonment Dy. Commr. of Kumaon, Almora, Ranikhet. | MAJKALI | 11½ | 20½ | A village, elevation 6,000 ft.; supplies on notice; plentiful good water from springs in vicinity; much cultivation round the large village of Reoni, a mile from C-G., small spaces for which are close to road near b.; country mountainous, with thin jungle at intervals; road as before. |
| | | RANIKHET 258 × 66 yds. p-o. t-a. b. | 6½ | 29 | |
| | | Total marches, 3= | | | A cantonment; supplies and good water plentiful, the latter from several springs in cantonment; C-G. by side of road from Majkali; country as in last stage; road, 18 ft. wide, metalled, bridged, and almost level. |
| | | 29 m. | | | |

Route No. 46.
FROM ALMORA TO THE TIBETAN FRONTIER.
 via DWARAHAT, JOSHIMATH, AND THE NITI PASS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilmand District, Bareilly. | Dy. Commr. of Kumaon, Almora. | BAKSKHET | 18½ | 18½ | See Route 40. |
| | | DWARAHAT | 12½ | 25½ | |
| | | GANAI | 9½ | 35½ | |
| | | DHUNAGHAT (LOBHA.) | 14½ | 50½ | See Route 40 (b). |
| | | ADBADI 300 × 200 yds. p-o. | 10½ | 61½ | |
| | | KURNPRAYAG 200 × 100 yds. p-o. | 10½ | 72½ | A small village and bazar, elevation 2,500 ft.; supplies on notice; good water from the Pindar R., 300 yds. E. of C-G., which is close to road; country hilly; road unmetalled, 6 to 8 ft. wide, passable for ponies and pack animals, nearly level all the way, except in some places where the ruling gradient is 1 in 10; cross the Attagad R. by a suspension bridge, width of bridge 6 ft. |
| | | CHAMAULI 200 × 100 yds. p-o. | 21 | 93½ | |
| | | TANGNI | 12 | 105½ | A halting place; no village; supplies on notice; unlimited good water from a stream N. of C-G., small site for which is close to road; country hilly and wooded; road as above, passable for ponies and pack animals. |
| | | JOSHIMATH p-o. b. | 13 | 117½ | |
| | | SARAINOTTA | 12½ | 130 | A small village; supplies on notice; good and unlimited water from the river close by; site for small C-G. near road; country and road as before. |
| | | JHELUM | 15 | 145 | |
| | | MALARI 300 × 200 yds. | 6 | 151 | A small village; supplies on notice; abundant good water from the ravine close to C-G., small site for which is near road; country mountainous and wooded; road, unmetalled, 3 to 5 ft. wide, runs through a valley with steep hills on both sides, and has numerous undulations. |
| | | BONPA and GUNSALI 200 × 100 yds. | 7 | 158 | |
| | | NITI 166 × 180 yds. | 6 | 164 | Two villages on right bank of the Dhanli R.; supplies on notice; good water from the river; C-G. close to villages; country mountainous, partly cultivated and partly scrub-jungle; road unmetalled, but fair, 4 to 6 ft. wide, gradient about 1 in 10, passable for pack animals. |
| | | GOTHING 660 × 66 yds. | 6 | 170 | |
| | | GILDUNG 200 × 100 yds. | 8 | 178 | A halting place, elevation about 12,954 ft.; supplies difficult to procure; good water from the Dhanli R. on left bank of which is C-G.; country as before; road, a mountain path, passable for baggage animals from June to September. |
| | | KIUNGUNG 200 × 100 yds. | 5 | 183 | |

(N. D.—This route has been compiled up to this point from reports received from the Deputy Commissioner in Garhwal. The remainder, which runs into Chinese territory, is taken verbatim from the remarks in the Bengal Route Book of 1877.)

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore Dist., Mecan Meer. | Dy. Commr. of Gurdaspur, Gurdaspur. | GURDASPUR 90,800 sq. yds. p-o. 1 m. r.s. b. | 24 | 42½ | A large town; supplies and good water abundant; O.G. about 1 m. from r.s. country fairly cultivated; road metalled and bridged; pass Dharawal at 5½ m. |
| | | Total marches, 4=42½ m. | | | |

Route No. 49(a).
FROM AMRITSAR TO GURDASPUR.
via FATEHGARH AND KALANAUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mecan Meer. | Dy. Commissioner of Gurdaspur, Gurdaspur. | FATEHGARH p-o. | 15 | 15 | A small town; supplies and water plentiful, latter from a well about 200 yds. from, and (for animals) from a tank about ¼ m. from O.G., extensive site for which is on uncultivated land; country level and cultivated; road unmetalled, but strongly bridged. |
| | | DEHRA-NANAK 510 x 250 yds. p-o. b. | 11½ | 26½ | A small town; supplies on notice; plentiful good water from 2 wells about ¼ m. from O.G., site for which is 1 m. S. of town; country and road as above, but latter liable to be flooded and breached in 8th, 9th, and 10th m. during rains; pass Kharian at 3, Dogar at 4, Talvandi Roman at 6, and Shahpur Jagga at 8 m.; cross the Ravi R. about 1 m. from Dehra-Nanak. |
| | | KALANAUR p-o. | 7½ | 34½ | A small town; supplies and good water plentiful, the latter from a well about 200 yds. from camp; water for animals from the Kiran nullah; much waste land available for C-G, 1 m. to N. and W. of town; country and road as above, but latter liable to be flooded in 6th, 8th, and 7th m. during rains; pass Sadhanwal at 1, Harawal at 2, Agwan at 3, and Shahpur Gurniga at 4 m. |
| | | GURDASPUR | 15½ | 49½ | See Route 49. |
| | | Total marches, 4=49½ m. | | | Country as above; road metalled for 8 m. in sandy parts, rest unmetalled; all bridges, with the exception of (1) a wooden bridge over the Buchenangle stream at 3½, and (2) a wooden bridge over the Ghazipur stream at 12 m, can bear heavy guns; banks of above two streams can be ramped and streams forded; pass Narnawali at 4, Ghori at 5, Bakhshi at 6, Aminpur at 8, Jaura at 9, Shekpur at 10, and Nabipur at 14 m. |

Route No. 50.
FROM AMRITSAR TO HOSHIARPUR.
via THE GRAND TRUNK ROAD AND KARTARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mecan Meer. | Dy. Commr. of Amritsar, Amritsar. | JANDIALA | 11½ | 11½ | See Route 266. |
| | | HATA | 12 | 23½ | |
| | | GIRANA | 9 | 32½ | |
| | | KARTARPUR | 8 | 40½ | |
| | Dy. Commr. of Hoshiarpur, Hoshiarpur. | ADAMPUR 169,120 sq. yds. p-o. b. | 18 | 58½ | A village; supplies on notice; plentiful good water from wells, one on, and others in vicinity of O.G., which is S. of road and ¼ m. S.W. of village; country open, level and well cultivated; road unmetalled, except last 2 m. |
| | | HOSHIARPUR 163,700 sq. yds. p-o. 1 m. r.s. b. | 18½ | 67½ | A small civil stn.; supplies plentiful; abundant good water from wells close to O.G., which is near police lines and about ¼ m. S.E. of town; country level, open and well cultivated; road metalled and bridged, except where it crosses sandy torrent beds at 6 m.; these are about ¼ m. wide, but are always passable except for a few hours during a flood; pass Kopur at 8½ m. |
| | | Total marches, 8=67½ m. | | | |

Route No. 50(a).
FROM AMRITSAR TO HOSHIARPUR.
via MAHTA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore Dist., Mecan Meer. | Dy. Commr. of Amritsar, Amritsar. | AKALGARH | 13 | 13 | A large village; supplies on notice; plentiful good water from wells in village and from a fakir's well at side of road; no regular O.G., but plenty of spare land available; country level, open and well cultivated; road unmetalled, but good and practicable for all arms; cross a canal (bridged) at 6 and pass Nawapina at 9 m. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meem Meer. | Dy. Commr. of Hoshiarpur, of Gurdaspur, of Amritsar, of Amritsar. | MAHTA p-o. b. | 11 | 24 | A large village; supplies on notice; good water from a well in b. compound; land available on notice for C-G.; country and road as in last stage; pass Bho at 3½, cross a canal (bridged) at 3½, and pass Ganshapur at 7 m. |
| | | SRIGOVINDPUR p-o. | 15 | 39 | A small town; supplies plentiful on notice; abundant good water from wells and the Beas R. on banks of which is extensive site for C-G.; country level and well cultivated except near the town, where it is cut up by ravines; road unmetalled, but bridged; all bridges can bear guns and elephants; cross the Sohan branch canal at 6, pass Mundiala at 7, Ghurman at 9, and Muehri at 12 m. |
| | | TANDA 168,810 sq. yds. p-o. | 10 | 49 | A large village; supplies and good water plentiful, latter from a well on C-G. which is in rear of police stn.; country level and fertile; road unmetalled varying in breadth from 10 to 70 ft., heavy in rains, bridged and passable for all arms; ferry over the Beas at 1½ m. (8 to 11 boats, each carrying 40 men). |
| | | BULOWAL 174,860 sq. yds. b. | 10½ | 59½ | A small village; supplies on notice; plentiful water from a well on C-G. which is near the road; country and road as above, latter crossed frequently by torrent beds, which are, however, dry and passable except for one or two hours after heavy rain. |
| | | HOSHIARPUR | 10½ | 70 | See Route 50. Country and road as in last stage. |
| | | Total marches, 8 = 70 m. | | | |

Route No. 50(b).
FROM AMRITSAR TO HOSHIARPUR.
via BATALA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|------------------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meem Meer. | Dy. Commr., Amritsar, Deputy Commissioner of Gurdaspur, Deputy Commissioner of Hoshiarpur. | KATHUNANGAL . | 11 | 11 | See Route 49. |
| | | BATALA . . | 12½ | 23½ | |
| | | KANAIHWAN . | 15½ | 39½ | A small town; supplies plentiful; water, brackish but wholesome, for 500 men from 3 wells about ¼ m. from probable C-G., and for animals from a nullah close by; plenty of land available near village for encampment; country undulating and sandy; road very sandy up to 9th m. and stony thence to 12th m. but bridged and passable for all arms. |
| | | NOWSHERA GHAT Right bank of the Beas 90,770 sq. yds. p-o. | 9 | 48½ | A small village; supplies on notice; plentiful good water from a well on, and (for animals) from an arm of the Beas R. close to C-G., which is near village, liable to be flooded in the rains; country as above; road unmetalled, passable for all arms only in fair weather, but liable to floods during rains; some nullahs unbridged. |
| | | MUKERIAN . 160,170 sq. yds. p-o. | 5½ | 63½ | A small town; supplies and good water plentiful; C-G. on roadside near town; country level, open and fairly cultivated; road unmetalled, but fairly good and passable for all arms; nullahs unbridged, but only difficult in rains; cross the Beas on starting, by ferry. |
| | | DASUYA . 164,660 sq. yds. p-o. | 9 | 62½ | A large village; supplies and good water plentiful; C-G. near tehsil; country, road, and nullahs as above; pass Ullpar at 3 m. |
| | | GARHWI WALA 165,900 sq. yds. p-o. | 7 | 69½ | A village; supplies and good water plentiful; site for C-G. on roadside near village; country and road as above; pass Mangarh at 4½ m. |
| | | HARIANA . 160,540 sq. yds. p-o. | 9 | 78½ | A large village; supplies procurable; plentiful good water from a well on C-G., which is about a mile N. of village; country and road as above; pass Bhungah at 5 m. |
| | | HOSHIARPUR . | 9 | 87½ | See Route 50. Country as above; road unmetalled and much cut up by hill torrents, unsuitable for wheeled traffic. |
| | | | | Total marches, 9 = 87½ m. | |

Route No. 51.
FROM AMRITSAR TO SIALKOT.
via AJNALA AND PASRUR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meem Meer. | Dy. Commr. of Amritsar, of Amritsar. | RAJASANSI 350 x 300 yds. p-o. to r-a. b. | 7 | 7 | A large village; supplies procurable; plentiful good water from a well on C-G., which is S. of and close to village; country level, open and cultivated; road unmetalled, but bridged, and suitable for all arms; pass Kamboh at 4 m. |
| | | AJNALA 370 x 340 yds. p-o. b. | 9 | 16 | A large village; supplies procurable; plentiful good water from a well on C-G., which is near village; country subject to inundation in rains; road as before; cross the Bari-Doab canal soon after starting, the Lahore-Gurdaspur road at 2½, and pass Rukhi at 6½ m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|---|------------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi Dist., Rawal Pindi. | Deputy Commissioner of Sialkot District. | RAYA 478 x 468 yds. p-o. b. | 11 | 27 | A small village; supplies on notice; plentiful good water from 2 wells, one on and the other $\frac{1}{2}$ m. N. of C-G., which is close to village and near a branch of the Ravi, where animals may be watered; country fairly level and open; road, as before, but sandy near the Ravi; cross the river at 5 $\frac{1}{2}$ m., by ferry. |
| | | TATLOH 438 x 420 yds. | 8 | 35 | A small village; supplies on notice; plentiful good water from 4 wells in vicinity of C-G., which is E. of and about $\frac{1}{2}$ m. from village; country level, open and well cultivated; road as before. |
| | | PASRUR 80,000 sq. yds. p-o. t-s. b. | 13 | 48 | A town; supplies plentiful; abundant good water from 4 wells on, and in vicinity of C-G., which is on either side of the Wazirabad-Pasrur road and close to town; country and road as before; cross the Degh nullah at 4 and again at 6 m., by ford, except after heavy rain. |
| | | BUDIANA 400 x 370 yds. p-o. | 8 $\frac{1}{2}$ | 56 $\frac{1}{2}$ | A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is about $\frac{1}{2}$ m. W. of village and close to road; country as before; road as above, but partly metalled and heavy for artillery when crossing nullahs. |
| | | SIALKOT Church 420 x 290 yds. p-o. t-s. t-s. b. | 11 $\frac{1}{2}$ | 68 | A large cantonment and civil stn.; supplies plentiful; abundant good water from wells in vicinity of C-G., which is near b; country as in last stage; road, nearly all metalled, suitable for all arms, but heavy for artillery in places; cross the Alk nullah (strongly bridged) at 8 $\frac{1}{2}$ m., and then skirting the town run parallel to the Alk, crossing the ry. line. |
| | | Total marches, 7 = 68 m. | | | |

Route No. 52. FROM ARRAH TO CHAPRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|-------------------------------|---|-----------|-------|---|
| Military | Civil. | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | BUDHERA . 400 x 160 yds. | 11 | 11 | A small village, about 8 m. from the Ganges; supplies on notice; good water from a well (diameter $7\frac{1}{2}$ ft., depth of water 4 ft.) 100 yds N. of C-G., site for which is in a grove by a small village $\frac{1}{2}$ m. S. of Budhera; country level, open and well cultivated; road raised, bridged and metalled, sometimes when the Ganges and Sonu are in heavy flood, it is impassable; pass Daulatpur at 4. Lowine Phurda at 7, and Kishapur at 9 m. |
| | | CHAPRA . 800 x 200 yds. p-o. t-s. r-s. b. | 7 | 18 | A small civil stn.; supplies plentiful; fairly good water for a large number of men from four wells about 16 yds. W. of camp, and three others close by in the sarai compound; C-G. about 1 m. W. of r.s. and Kacheri; country fairly cultivated; road up to the Ganges is not metalled or bridged, but after crossing it becomes a good metalled and bridged road, raised above high flood level; the river is crossed shortly after its junction with the Gogra; approaches sandy and heavy; the ferry on the right bank is called Babara Ghat and on the left bank, Tolpa Ghat; ten ferry-boats are available at Tolpa Ghat, each carrying 40 men; during the rainy season the distance from camp to Tolpa Ghat is 3 m., in the cold weather it varies from 2 to 6 m., with the course of the river. |
| | Collector of Saran, Chapra. | Total marches, 2 = 18 m. | | | |

Route No. 53. FROM ARRAH TO DEHRI. via GUDHANI, SAKRATA, AND NASRIGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|------------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | GUDHANI 400 x 140 yds. p-o. b. | 13 | 13 | A small village on the left bank of the Banys R.; supplies on notice; good water, for 1 $\frac{1}{2}$ battns, from 2 masonry wells (with troughs), one on and one beside the C-G., which is on the E. side of the Arrah-Sasaram road, 80 yds from the village; country flat and well cultivated; road raised, bridged, and metalled to a width of 12 ft., and in good order; cross thery. at 1, pass Kneep at 7 and Begwa at 11 m. |
| | | SAKRATA 220 x 100 yds. | 11 | 24 | A small village; supplies on notice; good water, for a battn., from a well N. of village and 200 yds. E. of C-G., site for which is 150 yds. S. of village, on side of road; country as above; road raised, but not metalled. |
| | | BIHTA 82,080 sq. yds. p-o. | 7 | 31 | A large village on left bank of the Sonu; supplies on notice; good water, for a battn., from a well near C-G., site for which is E. of village, on the river bank; country and road as in last stage. |
| | | NASRIGANJ 130 x 130 yds. p-o. | 13 | 44 | A large village near left bank of the Sonu; supplies on notice; good water, for a battn., from a well close to C-G., which is in a mango grove near village; country flat and well cultivated; road as above; there is a ferry across the Sonu here. |
| | | DEHRI | 14 $\frac{1}{2}$ | 58 $\frac{1}{2}$ | See Route 266. Country rather low and covered with brushwood; road as above, joins the Grand Trunk Road at end of the march. |
| | | Total marches, 5 = 68 $\frac{1}{2}$ m. | | | |

Route No. 53(a).
FROM ARRAH TO DEHRI.
via POWNA AND NASRIGANJ.

43

| ACCOMMODATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | POWNA . . . | 12 | 12 | A small village; supplies on notice; good water, for 600 men, from a well 200 yds. N. of C.G., site for which is $\frac{1}{2}$ m. S. of village and W. of road; country level, open and cultivated; road raised, bridged, but not metalled; cross the Arrah canal at 6 m. |
| | | SAHAR . . . 200 x 230 yds. p-o. | 18 | 25 | |
| | | BIHTA . . . | 12 | 37 | A small village on left bank of the Sone; supplies on notice; good water, for a battn., from a well on C.G., which is close to and N. of village on the river bank; country and road as above. |
| | | NASRIGANJ . . | 13 | 50 | |
| | | DEHRI . . . | 14 $\frac{1}{2}$ | 64 $\frac{1}{2}$ | Country and road as before; pass Harpur at 8 m. |
| | | Total marches, 5 = 64 $\frac{1}{2}$ m. | | | See Route 53. For other remarks see Route 200. |

Route No. 53(b).
FROM ARRAH TO DEHRI.
via BIKRAMGANJ AND SASARAM.

| ACCOMMODATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | GUDHANI . . . | 13 | 13 | NOTE.—It may be preferable to adopt this route, though longer than any of the others, as it is metalled and bridged. See Route 53. |
| | | PIRU . . . 250 x 240 yds. p-o. b. | 11 $\frac{1}{2}$ | 24 $\frac{1}{2}$ | |
| | | BIKRAMGANJ . . | 12 $\frac{1}{2}$ | 37 $\frac{1}{2}$ | A large village; supplies on notice; good water, for a battn., from a well at corner of C.G., which is at the junction of Piru-Behra and Sasaram-Arrah roads, just beyond Piru barar; country cultivated; road raised, metalled, and bridged; pass Somron at 2, Esdhaira at 3, Siadeh at 4 $\frac{1}{2}$, Mulwar at 7, and Nagri at 8 m. |
| | | NOKHA . . . 250 x 245 yds. p-o. b. | 11 $\frac{1}{2}$ | 49 | |
| | | SASARAM . . . | 13 $\frac{1}{2}$ | 62 $\frac{1}{2}$ | A small village; supplies on notice; good water, for a battn., from 2 wells on C.G., which is W. of and adjoining village; country and road as above; pass Sahajani at 4 $\frac{1}{2}$, Mohini at 7 $\frac{1}{2}$, and Tuluni at 12 m. |
| | | DEHRI . . . | 12 | 74 $\frac{1}{2}$ | |
| | | Total marches, 6 = 74 $\frac{1}{2}$ m. | | | A small village; supplies on notice; good water, for a battn., from wells in vicinity of C.G., which is situated $\frac{1}{2}$ m. S.E. of village; country low with scattered jungle; road as above; pass Babari at 4 $\frac{1}{2}$, Sujhowli at 6, Dhokura at 8, and Gusadhi at 9 m.; cross a canal near Nokha by an iron girder bridge. Country low-lying and wooded; road as above; cross the Sone canal at 3, pass Harman at 4 $\frac{1}{2}$, Khurdi at 7, Monkar at 9, and Nundalpur at 11 m. See Route 200. |

Route No. 53(c).
FROM ARRAH TO DEHRI.
via UKHGAON AND NASRIGANJ.

| ACCOMMODATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | UKHGAON . . . 260 x 230 yds. | 9 $\frac{1}{2}$ | 9 $\frac{1}{2}$ | A village 1 m. from the left bank of the Sone; supplies on notice; good water, for a battn., from a well S. of C.G., site for which is N. of and near village; country cultivated; a portion of the road is being raised and causewayed, but not metalled. |
| | | BAGA . . . 290 x 260 yds. | 10 | 19 $\frac{1}{2}$ | |
| | | BAHAR . . . | 10 | 29 $\frac{1}{2}$ | A village on left bank of the Sone; supplies on notice; good water, for a battn., from a well on C.G., site for which is close to and N. of village; country well cultivated; road, a country track, neither metalled nor bridged, runs up the left bank of the Sone; pass Chilloholi at 3 and Nurpur at 8 m. |
| | | BIHTA . . . | 12 | 41 $\frac{1}{2}$ | |
| | | NASRIGANJ . . | 13 | 54 $\frac{1}{2}$ | See Route 53(a). Country and road as in last stage; pass Nonore at 4 m. |
| | | DEHRI . . . | 14 $\frac{1}{2}$ | 69 | |
| | | Total marches, 6 = 69 m. | | | For other remarks see Route 53(a). See Route 53. For other remarks see Route 200. |

Route No. 54.
FROM ARRAH TO GAYA.
via NASRIGANJ AND DEOHARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|------------------------------|---|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahbad, Arrah. | GUDHANI . . . | 18 | 18 | See Route 53. |
| | | SAKRATA . . . | 11 | 24 | |
| | | BIHTA . . . | 7 | 31 | |
| | | NASRIGANJ . . . | 13 | 44 | |
| | | DAUDNAGAR 650 × 300 yds. b. p-o. | 4½ | 49½ | A small town on right bank of the Sone R.; supplies on notice; abundant good water from wells in vicinity of C-G., which is about ½ m. W. of police stn. and S. of town; country level; road unmetalled, but raised and bridged; cross the Sone R. at 2 m. by ferry (one boat carrying 60 men). |
| | | DEOHARA . . . 300 × 200 yds. p-o. | 12 | 60½ | A village on left bank of the Punpun R.; supplies on notice; good water from the river, and from 2 wells ¼ m. from C-G., which is on bank of the river; country and road as in last stage. |
| | | KONCH . . . 300 × 200 yds. p-o. | 13 | 73½ | A small village; supplies on notice; good water from 2 wells, one on the ground, the other being situated 2 m. E. of the former; C-G. in fields W. of village; country and road as before; cross the Punpun R. on starting, fordable, except during the rainy season, when one boat, carrying 10 men, is available. |
| | | FATEHPUR . . . 400 × 160 yds. p-o. | 9 | 82½ | A small village on right bank of the Murhar R.; supplies on notice; water from wells and from the river, on bank of which is C-G.; country and road as before; cross the Murhar R. (bridged) at end of stage. |
| | | GAYA . . . 800 × 300 yds. p-o. l-a. r-a. b. | 11 | 93½ | A small civil stn.; supplies plentiful; good water from 5 wells in vicinity of C-G., which is N-E. of the Shorghati road; country as above; road metalled, raised, and bridged; cross the Jumna stream half-way. |
| | | Total marches, 0 = | | 93½ m. | |

Route No. 55.
FROM ARRAH TO GHAZIPUR.
via BHOJPUR AND BUXAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|------------------------------|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahbad, Arrah. | GURJAGANJ 36,800 sq. yds. | 9 | 9 | A few huts; Soveram village close by; supplies on notice; good water from a well (diameter 7 ft., depth of water 7 ft) on C-G., which is 409 yds. S-W. of village and close to road; country level, open and well cultivated; road unmetalled, but raised, bridged and in good order; pass Chaudwa at 2 and Ramnagar at 8 m., latter village is 6½ m. from Rohera r-a. |
| | | MAHARAJGANJ . . . 75,080 sq. yds. | 12½ | 21½ | A small village; supplies on notice; good water from a well (with 13 ft. of water) 330 yds from S-W. corner of C-G., which lies about 1¼ m. W. of village by roadside; country and road as above. Raghunathpur r-a. is 4 m. distant. |
| | | BHOJPUR . . . 300 × 300 yds. | 12½ | 34 | A small village called New Bhojpur; supplies on notice; good water from a well (with 21 ft. of water and a trough) N. of road and opposite C-G., site for which is ½ m. S-W. of village; country level, open, and cultivated; road as above; pass Noran at 7 m. Dumraon r-a. is 1¼ m. S-E. of Bhojpur. |
| | | BUXAR . . . 300 × 200 yds. p-o. l-a. r-a. | 10 | 44 | A small civil stn. on the right bank of the Ganges; supplies plentiful; good water from a well (6 ft. of water) N. of C-G., which is in a mango grove 1 m. E. of Buxar, and 2 m. N-E. of r-a.; country as above; road raised, unmetalled, and bridged; pass Old Bhojpur at 1¼, Farulpur at 3¼, cross the Bhynra Nadi at 6½, pass Dalsagar at 6½, Pandri at 7½, and Churamunpur at 8 m. |
| | | KATWA (near KORANTADIEH) 280 × 190 yds. p-o. l-a. | 2 | 46 | A small village; supplies on notice; good water, for a battn., from a well S.E. of camp; animals can water at the Ganges, which is crossed by a ferry at Katwa, ½ m. S. of C-G.; 12 boats available, each carrying 60 men; country well cultivated; road metalled. |
| | | MUHAMMADABAD 83,160 sq. yds. p-o. | 13 | 59 | A village; supplies procurable; good water, for a battn., from wells; C-G. in a mango grove S. of village; country flat, open and cultivated; road as above; cross the Okni R. (bridged) at 6 m. at Barhanpur. |
| | | GHAZIPUR . . . 127,810 sq. yds. p-o. l-a. r-a. b. | 13½ | 71½ | A small civil stn. and old cantonment on N. bank of the Ganges; steam-boat ferry; supplies plentiful; good water from wells in vicinity of C-G., which is N. of road and the kachheri, on the outskirts of the town; country and road as above; pass Jalilpur at 6½, cross the Banu R. (bridged) at 8½, and pass Khalispur at 9½ m. Tari Ghat r-a. is 1 m. from Ghazipur. |
| | | Total marches, 7 = | | 71½ m. | |

Route No. 56.
FROM ARRAH TO SASARAM.
via JAGDISPUR AND NOKHA.

45

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahdol, Arrah. | GUJRAGANJ . . . | 0 | 0 | See Route 55. |
| | | JAGDISPUR . . . 80,000 sq. yds. | 12½ | 21½ | A small town; supplies plentiful; good water from a well (1,700 gallons per day) 60 yds. N. of C.G., a site for which is available ½ m. E. of village; country open and well cultivated; road in good order, up to Behea unmetalled, but bridged, thence to Sasaram metalled and bridged; cross the ry. near Behea r-s. There is another road to Jagdispur <i>via</i> Dugurrah, 13 m., Jagdispur 0 m., but not so good, being unmetalled. |
| | | PIRU . . . | 10½ | 32½ | |
| | | BIKRAMGANJ . . . | 12½ | 45 | Country as above; road as in latter part of last stage. |
| | | NOKHA . . . | 11½ | 56½ | |
| | | SASARAM . . . | 13½ | 70½ | See Route 53(b). |
| | | Total marches, 6 = 70½ m. | | | For other remarks see Route 55. |

Route No. 57.
FROM ATTOCK TO ABBOTTABAD.
via SARAI KALA AND HARIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | By Commissioner of Rawal Pindi, Rawal Pindi. | HATI . . . | 13½ | 13½ | See Route 256. |
| | | HAJAN-ABDAL . . . | 13½ | 27½ | |
| | | SARAI KALA . . . | 0 | 36½ | Country hilly and partially cultivated; road metalled, bridged, and suitable for al. arms; cross a branch of the Harroli R. at 2 m. See Route 4. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commr. of Frontier Force, Abbottabad. | HATAR . . . | 8½ | 45 | |
| | | HARIPUR . . . | 23½ | 68½ | See Route 3. A cantonment and civil stn.; supplies plentiful; abundant good water from a stand-pipe on C-G., extensive site for which is on a plain S. of and close to cantonment. |
| | | SULTANPUR . . . | 12½ | 70½ | |
| | | ABBOTTABAD . . . p-o. l-r. b. | 10½ | 81½ | |
| | | Total marches, 7 = 81½ m. | | | |

Route No. 57(a).
FROM ATTOCK TO ABBOTTABAD.
via HAZRO AND HARIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. F. F. F. Rawal Pindi District, Rawal Pindi. | Deputy Commr. of Frontier Force, Abbottabad. | From the Fort to HAZRO . . . p-o. l-r. | 16 | 16 | A large village; supplies on notice; plentiful good water from several wells in vicinity of C.G., extensive site for which is on cultivated land near village; country level, open and well cultivated; road heavy after leaving the Grand Trunk Road and unsuitable for artillery; pass Shamshabad at 10½ m. |
| | | NIKU SAWAJPIE . . . 700 x 400 yds. | 14 | 29 | |
| | | HARIPUR . . . | 15 | 41 | A village on right bank of the Harroli; supplies on notice; good water from the river, near which and N-W. of village is site for C.G.; country hilly and partially cultivated; road, a camel track, unmetalled and unsuitable for wheeled transport; pass through ravines and the Gundgarh range by the Shaidhana Pass. |
| | | SULTANPUR . . . | 12½ | 56½ | |
| | | ABBOTTABAD . . . | 10½ | 67 | Country undulating and intersected by ravines; road as above; cross the Harroli on starting and again at 3 m. See Route 3. For description of Abbottabad, see Route 57. |
| | | Total marches, 5 = 67 m. | | | |

Route No. 58. FROM ATTOCK TO CAMPBELLPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi District, Rawal Pindi. | CAMPBELLPUR p-o. t-s. r-s. b. | 14 | 14 | A small cantonment; supplies on notice; plentiful good water from wells about $\frac{1}{2}$ m. from C-G, extensive site for which is on the parade ground, S-E of the stn.; country at first rocky and barren, afterwards fairly cultivated; road heavy in places; leave the Grand Trunk Road at $\frac{1}{2}$ m. and pass Hapsiah at $\frac{1}{2}$ m. There is a bridle road from Attock, which leaves the Grand Trunk Road at $\frac{1}{2}$ m. and running for $\frac{1}{2}$ m. up the stony bed of a nullah, comes out on the open Campbellpur plain. By this route $\frac{1}{2}$ m. are saved, but the road is not nearly so good. |
| | | Total marches, 1= 14 m. | | | |

Route No. 59. FROM ATTOCK TO DERBAND. via TORBELA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi District, Rawal Pindi. | From the Fort to WAISA | 10 | 10 | A village; supplies on notice; plentiful good water from numerous wells round village, anywhere in vicinity of which is extensive site for C-G; country flat and cultivated; road 20 to 30 ft. wide, metalled for 3 m., whence, after leaving the Grand Trunk Road, it is unmetalled, and very sandy and heavy in parts; cross a nullah (always fordable) at $\frac{1}{2}$ m. |
| | | JALALA 850 200 yds. | 9 | 19 | |
| G. O. C. P. F. Force, Abbottabad. | Deputy Commissioner of P. F. Force, Abbottabad. | GHAZI p-o b. | 9 | 28 | A small village on left bank of the Indus; supplies on notice; plentiful good water from springs and streams, near which is site for C-G; country at first level, open and well cultivated, afterwards hilly and wild as the river is approached; road fairly good, unmetalled, 8 to 20 ft. wide, passable for laden camels. |
| | | TORBELA | 13 | 41 | |
| | | DERBAND | 16 | 57 | |
| | | Total marches, 5= 57 m. | | | See Route 8. Country hilly and wild, road, which runs up the left bank of the Indus, is hard and good though unmetalled, suitable for laden camels; pass Dai Mohat at 6 m., where there is a ferry. See Route 8. Country as above; road as before, but commanded by hills on the right throughout; pass Tawi at 5 and Karpul at 12 m. |

Route No. 60. FROM ATTOCK TO EDWARDESABAD. via CHOI, MAKHAD, KALABAGH, AND LAKE.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|------------------|------------------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi District, Rawal Pindi. | From the Fort to HAJISHAH | 6 | 6 | A small village at the end of the Attock hills; supplies on notice; plentiful good water from wells near village, close to which is site for C-G; country rocky, uneven and partially cultivated, road metalled and bridged for $\frac{1}{2}$ m., remainder unmetalled, but suitable for all arms throughout. A small village at the foot of the Chita-Pahar; supplies on notice; plentiful good water from a spring 200 yds. from C-G, which is 2 m. E. of village; country undulating, jungle, and partly cultivated, road unmetalled, unbridged, and unsuitable for artillery, seldom used by troops; join the road from Campbellpur at $\frac{1}{2}$ m. and cross the Harroli R. (fordable, except after heavy rain) at $\frac{1}{2}$ m. A sarai near the small village of Gandakas; supplies on notice; good but limited water from a well S-E. of and close to C-G, which is about $\frac{1}{2}$ m. N. of village; country hilly and covered with jungle; road as above; enter the Chita-Pahar range (easy gradients) on starting, pass Lala-Ikhan at 7 m., and enter the Kala-Pahar range. Country as before to 8 m., afterwards flat and cultivated; road as above; pass Thaths at $\frac{1}{2}$ m. and Dumel at 8 m. The Rawal Pindi road joins in near Pind Sultan. See Route 5. Two small villages and a sarai; supplies on notice; water from wells (very different) and from the Rala nullah, on bank of which and 1 m. from Ucheri is site for C-G; country barren and rocky; road about 16 ft. wide, good but unmetalled; cross the Rala nullah at end of stage. A small village and sarai; supplies on notice; plentiful good water from 9 wells near, and (for animals) from a nullah $\frac{1}{2}$ m. from sarai, close to which is site for C-G; country slightly hilly, with little cultivation and intersected by ravines; road as above; pass Jhamat at $\frac{1}{2}$ m. and cross some low hills at $\frac{1}{2}$ m. A small town on left bank of the Indus; supplies procurable; good water from the river, about $\frac{1}{2}$ m. from which and E. of town is large site for C-G; country stony and intersected by ravines; road unmetalled, but suitable for all arms, winds up and down through the hills; pass Nala at $\frac{1}{2}$ m. A road runs from Makhad direct to Niki, distant 13 m., passing Kan at $\frac{1}{2}$ m. and crossing the Bohan at $\frac{1}{2}$ m. A village on the right bank of the Bohan R.; supplies on notice; good water from wells and from the river, on right bank of which and W. of road is C-G; country barren and full of ravines for first 8 m., afterwards hilly and stony; road unmetalled, stony in the Makhad ravine, afterwards stony, practicable for camels. |
| | | CHOI 270 x 200 yds. | 12 $\frac{1}{2}$ | 18 $\frac{1}{2}$ | |
| | | LAMBIDHAN (GANDAKAS) 300 x 200 yds. | 11 | 29 $\frac{1}{2}$ | |
| | | PIND SULTANI | 12 | 41 $\frac{1}{2}$ | |
| | | JAND | 12 $\frac{1}{2}$ | 54 $\frac{1}{2}$ | |
| | | UCHERI JABA | 7 $\frac{1}{2}$ | 61 $\frac{1}{2}$ | |
| | | LAKARMAR | 12 | 73 $\frac{1}{2}$ | |
| | | MAKHAD p-o. | 12 $\frac{1}{2}$ | 86 | |
| | | TRAP 300 x 300 yds. | 12 | 98 | |
| | | | | | |

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------|--|--|-----------|---------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. F. Force, Abbottabad. | Deputy Commissioner of Tanm, Edwarsabad. | NIKI | 9 | 107 | Country barren and full of ravines; road unmetalled, but practicable for camels; cross the Sohan (fordable except after heavy rain) on starting and a branch of the same river at 6 m. |
| | | MARI | 17 | 121 | |
| | | KALABAGH | 3 | 127 | |
| | | KAMARMASHANI | 14½ | 141½ | |
| | | ISAKHEL | 14 | 155½ | |
| | | DARBA TANG | 8 | 163½ | |
| | | LARI | 16½ | 170½ | |
| | | NAURANG SARAI | 15 | 184½ | |
| | | EDWARDESADAD | 16 | 200½ | |
| | | Total marches, 18= | | 210½ m. | |

Route No. 61.
FROM ATTOCK TO KOHAT.
 via NILAB GASHA.

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. F. Force, Abbottabad. | Deputy Commissioner of Kohat. | DAIRWAZAI | 7 | 7 | A halting place; supplies on notice; good water from wells and from the Indus, on bank of which and near road is site for C.G.; country undulating and hilly; road, 30 ft. wide, metalled, bridged and suitable for all arms; cross the Indus just under Attock, by bridge-of-boats in dry season, by ferry in rains. |
| | | NIZAMPUR 113,000 sq. yds. | 12 | 19 | |
| | | LAKE TALAO | 14 | 33 | |
| | | JABAR | 12½ | 45½ | |
| | | GUMBAT | 12 | 57½ | |
| | | KOHAT | 15 | 72½ | |
| | | Total marches, 6 = | | 72½ m. | |

Route No. 62.
FROM AURANGABAD TO GAYA.

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gwyn. | RAFIGANJ 200 x 150 yds. p-o. b. | 17 | 17 | A small town; supplies on notice; good water, for 2 battns., from 4 wells on C.G., which is 60 yds. S. of town on right bank of the Dhawa R. and W. of b.; water also from the river; country level and partly cultivated; road raised, partially bridged, but unmetalled; cross the Adri R. (bridged), the Madar and Dhawa (unbridged), fordable except after heavy rain. |
| | | PARAYA (PARA) 300 x 200 yds. p-o. b. | 14 | 31 | |
| | | GAYA | 11 | 42 | |
| | | Total marches, 3= | | 42 m. | |

See Route 61.
 Country and road as above; at 5½ m. the Jumna stream is crossed, fordable in the dry season, in the rains rafts, carrying six persons each, are stationed at the crossing.

Route No. 63.
FROM AZAMGARH TO CHAPRA.
via DARAUJI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------------|-------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | AZIMATGARH 260 x 160 yds. | 18 | 13 | A moderate-sized place; supplies on notice; good water, for 2 battns., from a well on, and (for animals) from a large tank 100 yds. N. of C.G., which is $\frac{1}{2}$ m. E. of village; country open and fairly cultivated; road unmetalled, but in good condition. |
| | | GHOSI 270 x 160 yds. p-o. | 18 | 20 | A small town; supplies plentiful; abundant good water from a well on C-G, which is $\frac{1}{2}$ m. E. of village; animals water from a tank 70 yds. square; country very swampy; road as above; cross the Sarja R. at 4 m., fordable in the dry season, a ferry in the rains; 1 boat carrying 60 men, others procurable on notice. |
| | | BHIMPURA . | 16 | 41 | A small village; supplies on notice; water, for 2 battns., from a good well; C-G. S-E. of village; country open and well cultivated; road unmetalled, in fair order during dry weather, impassable in the rains. |
| | | NAGRA . p-o. | 8 | 40 | A small town; supplies on notice; good water, for a battn., from wells, and (for animals) from a tank, all within 100 yds. S. of C-G., which is $\frac{1}{2}$ m. S. of town; country open and fairly cultivated; a tolerably good but unmetalled road. |
| | Collector of Ballia, Konarkah. | SIKANDARPUR p-o. | 18 | 62 | A small town; supplies on notice; good water, for $\frac{1}{2}$ battn., from 2 wells on C-G., which lies $\frac{1}{2}$ m. S-W. of town; country and road as above. N.B.—Sufficient land adjoining the last three very small C-Gs. to make up any larger ones required, is reported to be available on notice being given and compensation paid. |
| | | DARAUJI 21,480 sq. yds. p-o. b. | 6 $\frac{1}{2}$ | 68 $\frac{1}{2}$ | A moderate-sized place on the left bank of the Gogra; supplies on notice; good water from 2 wells on C-G., site for which is E. of town; country as above; road unmetalled, but bridged and raised; cross the Gogra at 6 $\frac{1}{2}$ m. by a ferry, 8 boats carrying 45 men each and others procurable on notice. |
| | Collector of Saran, Chapra. | RAGHUNATHPUR 84,440 sq. yds. p-o. | 11 | 79 $\frac{1}{2}$ | A small village; supplies must be collected; good water, but limited, from a well 180 yds. E. of C-G., which adjoins the village; country level and fairly cultivated; road unmetalled, but good in dry weather; cross the Jurali soon after starting, by a bridge in the dry season, ferry in the rains, 1 boat carrying 70 men, others procurable on notice; pass Patia at 5 $\frac{1}{2}$ and Lachipur at 9 m. |
| | | SISAWAN 62,000 sq. yds. p-o. | 9 | 88 $\frac{1}{2}$ | A small town near the left bank of the Gogra; supplies on notice; good water from 2 wells for 300 men; C-G. by roadside, 600 yds. N. of Bazar; country as above; road unmetalled, good in dry weather; pass Gabbera at 4 m. |
| | | MANJHI p-o. | 14 | 102 $\frac{1}{2}$ | A small town on the left bank of the Gogra; supplies plentiful; good water, for a battn., from a well 200 yds. N. of the river; C-G., in 3 small strips, $\frac{1}{2}$ m. W. of police stn.; country and road as above; pass Sohanpur at 3 $\frac{1}{2}$, Rimpur at 6, and cross the Deha (or Suddi) at 6 $\frac{1}{2}$ m., fordable except after heavy rain; 1 boat carrying 60 men available. |
| | | CHAPRA . | 11 | 113 $\frac{1}{2}$ | See Route 52. Country and road as above; pass Revilganj at 6 $\frac{1}{2}$ m. |
| | | Total marches, 10 = 118 $\frac{1}{2}$ m. | | | |

Route No. 64.
FROM AZAMGARH TO GHAZIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | JAHANGANJ 300 x 180 yds. p-o. | 9 $\frac{1}{2}$ | 9 $\frac{1}{2}$ | A large village; supplies on notice; good water was obtained, in 1804, by digging temporary wells; site for C-G. S-W. of road, $\frac{1}{2}$ m. S. of village; country flat, open and cultivated; road raised, metalled and bridged; cross the Tonae R. on starting, and the road to Mas. S. of the bridge; pass Rampur at 8 $\frac{1}{2}$ m. |
| | | SARSENA . 300 x 300 yds. b. | 10 $\frac{1}{2}$ | 20 $\frac{1}{2}$ | A small village about $\frac{1}{2}$ m. W. of road; supplies on notice; good water, for a battn., from a well and tank, both within 400 yds. of C-G., which is on road; $\frac{1}{2}$ m. N-E. of village; country and road as above; pass Chirakote (p-o.) at 6 $\frac{1}{2}$ m. |
| | | BIERNU 21,000 sq. yds. p-o. b. | 13 $\frac{1}{2}$ | 33 $\frac{1}{2}$ | A village; supplies on notice; good water, for a battn., from 2 wells, and (for animals) from 3 tanks near C-G., site for which is $\frac{1}{2}$ m. S-E. of village; country and road as before; pass Jalalabad (p-o.) at 3 m. |
| | | GHAZIPUR . | 10 $\frac{1}{2}$ | 44 | See Route 55. Country and road as above; cross the Mangai at 4, and the Ban at 6 $\frac{1}{2}$ m.; there is a short cut, by an unmetalled road, into Ghazipur at 8 m. |
| | Collector of Ghazipur, Ghazipur. | Total marches, 4 = 44 m. | | | |

Route No. 65.
FROM AZAMGARH TO GORAKHPUR.
via DEORHI GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | JIWANPUR . 600 x 400 yds. | 12 | 12 | A small village; supplies on notice; good water, for a battn., from a well on, and also from two tanks in vicinity of C-G., which is N-E. of village; country level, open and fairly cultivated; road raised, metalled and bridged; cross the Sakuni at 3 $\frac{1}{2}$, the Kair at 6 $\frac{1}{2}$, pass Jaipur at 8, and near Sigri at 10 m. There is a metalled road from Jiwanpur to Ghosi on the Ghazipur-Gorakhpur road and an unmetalled one to Kollia on the Fyzabad-Azamgarh road. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|------------------|------------------|--|
| MILITARY. | CIVIL. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | DHANAULI . 780 x 350 yds. b. | 14 | 26 | A small village; plentiful good water from 4 wells on C-G., which is in a mango grove, $\frac{1}{2}$ m. S. of Deorhi village (p-o. t.s.) on S. bank of the Gogra R., whence supplies are procurable; country well cultivated; road as above; cross the Sarju at 6 m.; a metalled road runs from Dhanauli to Ghazipur, distance about 47 m. |
| | | BARHALGANJ . 395 x 395 yds. p-o. t.s. | 28 | 28 | A fair-sized town on left bank of the Gogra; supplies procurable; abundant good water from the river and a well on C-G., which is W. of road, shady and level; country fertile; road as above; cross the Gogra at 2 m. by boats (each carrying 500 mds.); two roads, one leading E. to Baraj, and the other W. to Gola, branch off from Barhalganj. |
| | Collector of Gorakhpur, Gorakhpur. | GAGAHA * 360 x 860 yds. p-o. t.s. | 11 $\frac{1}{2}$ | 39 $\frac{1}{2}$ | A village; supplies procurable; water, of doubtful quality, but sufficient for 1,000 men and 500 animals, from a well on C-G., which is W. of road; country and road as in last stage; cross the Tamsia nullah at 6 m., and pass Mendha, a good-sized village, just before reaching camp. |
| | | BELIPAR 395 x 870 yds. p-o. | 11 $\frac{1}{2}$ | 51 $\frac{1}{2}$ | A village; supplies procurable; water fair, sufficient for 1,000 men and 500 animals from a well and tank W. of C-G., which is on both sides of road, good and shady; country and road as above; nullahs strongly bridged; cross the Ami K. at 8 m. |
| | | GORAKHPUR 730 x 490 yds. p-o. t.s. r.s. b. | 12 $\frac{1}{2}$ | 64 | A small cantonment and civil stn., the hd-qrs. of the B. and N-W. Ry.; supplies abundant; plentiful good water from 2 wells on C-G., which is near r.s.; country, road and nullahs as before; cross the Rapti R. at 8 m., by a pontoon bridge fit for all arms. The cantonments are to S-E. of the town, on high ground, below which is Ramgarh Tal, a shallow lake, 6 m. long and 3 m. broad. |
| G. O. C. Oudh District, Lucknow. | | Total marches, 6 = 64 m. | | | |

Route No. 66.
FROM AZAMGARH TO SULTANPUR.
via MAHUL AND SIRHURPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | NIZAMABAD 280 x 120 yds. p-o. | 9 | 9 | A large village; supplies on notice; plentiful good water from a well on S-W. border of C-G., site for which is 700 yds. S. of village by roadside; animals water at the Tonse R., $\frac{1}{2}$ m. N. of road; country level, open and well cultivated; road raised, metalled and bridged; cross the Tonse (bridged) near Azamgarh, and again, just before reaching camp, by one boat (carrying 30 men) in the cold season, and by two boats in the rains. |
| | | MAHUL 31,176 sq. yds. | 16 | 25 | A village; supplies procurable; plentiful good water from 2 wells on C-G., site for which is $\frac{1}{2}$ m. E. of village and on both sides of road; country and road as above; pass Byzar at 5 $\frac{1}{2}$, Kadya at 9, cross the Knar R. (bridged) at 11, and pass Jhukha at 13 m. |
| | | POWAI. 38,268 sq. yds. | 7 | 32 | A village; supplies on notice; good water, for a battn., from a well on C-G., which is $\frac{1}{2}$ m. N. of village; country and road as above. |
| | | SIRHURPUR 47,260 sq. yds. | 8 | 40 | A village; supplies procurable; good water, for a battn., from wells S-W. of C-G., which is E. of road and near village; country cultivated; road unmetalled, but raised, bridged and practicable for all arms; pass Bilwai at 3, Dhilars at 5 m., and cross the Majhoi stream (permanently bridged) near Sirhurpur. |
| | | DOSTPUR 450 x 300 yds. p-o. | 14 | 54 | A large village; supplies procurable; abundant good water from a masonry well and a large tank; C-G. near village on both sides of road; country as before, ravine near the Majhoi R.; road narrow and winding, mostly unmetalled, and nullahs only partially bridged, practicable for all arms, except at the Majhoi R. (9 m.), the temporary bridge over which will not bear guns; this river is fordable in the dry weather, hard clay bottom and about 2 ft. water; during the rains there is a boat carrying 25 persons; pass Dhourwa to the S. at 4 and Mudhpur at 11 m. |
| | | GOWRA (IMLAK) 400 x 300 yds. | 13 | 67 | A small village; supplies procurable; abundant good water from a well N-E. of and from a small stream and tank close by C-G., which is S. of road and village; country fairly cultivated; road unmetalled, but practicable for all arms; pass Dhama at 7 and Kutra at 10 m. |
| | | SULTANPUR | 18 | 85 | See Route 31. |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Sultanpur, Sultanpur. | Total marches, 7 = 85 m. | | | Country as in last stage; road for first 18 m. as above, till it reaches the Allahabad-Fyzabad road, when it is raised, metalled and bridged; cross the Gumti by a wooden pile bridge and the Jamwar nullah by a permanent iron bridge, towards end of march; pass Saifullaganj at 11 and Sultanpur at 16 m. |

Route No. 67. FROM BAH TO SHIKOHABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundeelund District, Agra. | Collector of Munger, Malpau. | SHIKOHABAD | 17 | 17 | See Route 15. Road unmetalled, but in fair order for carts for first 6 m., at which point the road to Batear is left and the one to W. is taken, which is heavy for wheeled traffic; reach the dumma ferry (8 boats, each carrying 50 men) at 7½ m.; on N. bank of the river, the road is heavy and ascends steeply for 2 m., after that level. |
| | | Total marches, 1 = 17 m. | | | |

Route No. 68. FROM BAHADUR KHEL TO THULL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | BAHADUR KHEL. 650 x 650 yds. | ... | ... | NOTE.—This route throughout is unbridged and unmetalled, average width as for as Gurgari 8 ft., passable for cavalry, and mountain artillery; no protection on outer side of road on Manzalali range. A military post, about 1 m. from the village (with fort) of that name and 14 m. N. of the tunnel on the Kohat-Edwardsabad road; road from tunnel only a bridle path which crosses a deep ravine, but is in good order; a good C.G. all round the post; supplies must be collected; water from a well in post and from a stream and small springs adjacent; it is in all cases somewhat brackish, but that from springs and streams is less so than that from the well. A large village; supplies must be collected; water from a stream near village, can also be obtained by digging shallow wells near the stream, but all water is slightly brackish; any amount of waste land available for C.G.; country barren, hilly, but fairly level for first few miles and then the Manzalali range is crossed; road a bridle path, fairly good, but ascent to and descent from Manzalali range is steep, having a ruling gradient of about 1 in 10; there is very little water en route, only one or two springs after rain. A military frontier post, about 1 m. before reaching village; supplies must be collected; good water from a well just outside the fort, and the Songrohi stream, on right bank of which is C.G.; country for first 8½ m. undulating and fairly cultivated, after that hilly; road in fair order, passing Dala village in 10th m., where there is good drinking water from wells; in 11th m. the main Kohat-Thull road is reached and route then lies along the latter. |
| | | GURGARI | 16 | 16 | |
| | | THULL. 400 x 230 yds. p. o. t-s. b. | 16½ | 31½ | |
| | | Total marches, 2 = 31½ m. | | | |

Route No. 69. FROM BAHRAICH TO BHAGORA TAL, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Bahraich, Bahraich. | SUNWA 22,316 sq. yds. | 12 | 12 | A village; supplies procurable; plentiful good water from 3 wells on C.G., site for which is W. of road; country cultivated and well wooded; road unmetalled, raised and partially bridged, unfit for artillery during the rains; pass Wazirpur at 5 and Parsowari at 6 m. A town on left bank of the Rapti; supplies procurable; good water from 8 wells on C.G., which is S. of road; country and road as in last stage; cross the Bakhra, bridged, at 4 and the Rapti at 8 m., latter fordable in the dry season, a ferry (6 boats, each carrying 60 men) during the rains. A small village near the Nepal boundary; supplies procurable; water for 700 men, but unwholesome; site available for C.G.; country forest, but cultivated near end of stage; road unmetalled, heavy during the rains; cross the Kailash stream at 10 m., fordable, and a temporary bridge in the dry season, a ferry during the rains. |
| | | BHINGA 63,720 sq. yds. p. o. b. | 12 | 24 | |
| | | BHAGORA TAL 21,900 sq. yds. | 10 | 34 | |
| | | Total marches, 3 = 34 m. | | | |

Route No. 70. FROM BAHRAICH TO PADNAHA, on the Nepal Frontier. via NANPARA AND BANKI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dt. Commr. of Bahraich, Bahraich. | KISHANPUR 63,000 sq. yds. | 11½ | 11½ | A village; supplies procurable; good water, for 600 men, from 2 wells on, and (for animals) from Soti Nadi, 2 m. from C.G., which is W. of road, and near village; country cultivated and wooded; road unmetalled, but raised and bridged for first 8 m., passable for all arms, except the last 3½ m., which are unfit for artillery in the rains; cross the Soti, at 2, and again at 8 m. A small town; supplies abundant; plentiful good water from 3 wells on C.G., which is E. of road, and near town; country as before; road unmetalled, heavy and unfit for wheeled traffic during the rains; cross the Dharoti (strongly bridged) at 7 m. A village; supplies procurable; good water, for a battn., from 3 wells on C.G., which is W. of road, water for animals from a tank; country as before; road unmetalled, very heavy and unfit for artillery in the rains. |
| | | NANPARA 57,600 sq. yds. p. o. t-s. r-s. b. | 11 | 22½ | |
| | | BABAGANJ 65,855 sq. yds. p. o. t-s. r-s. | 8 | 30½ | |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Resident in Nepal, Kalmunda. | BANKI 33,000 sq. yds. | 9 | 30½ | A large village; supplies procurable; brackish water from 2 wells on U-G., which is S. of village; animals can be watered at tanks; country and road as above. |
| | | MYNAPOKER 10,000 sq. yds. | 14 | 68½ | A village; supplies procurable; water brackish; animals can be watered at a nullah E. of C-G., site for which is in a grove of trees; country cultivated; road as above, in good order. |
| | | PADNAHA 34,000 sq. yds. | 14 | 67½ | A village 3 m. E. of the Sarju or Babbar R.; supplies procurable; water plentiful, but brackish; country and road as above. |
| | | Total marches, 6 = 67½ m. | | | |
| | | | | | |

Route No. 71.
FROM BAHRAICH TO SITKA GHAT, in Nepal.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Comar. of Bahraich, Bahraich. | KISHANPUR | 11½ | 11½ | See Route 70. |
| | | NANPARA | 11 | 22½ | |
| | | BABAGANJ | 8 | 30½ | |
| | | BANKI | 9 | 30½ | |
| | Resident in Nepal, Kalmunda. | GUNDIN (ODHUN). | 11 | 60½ | A village; supplies scarce; water plentiful from a tank, but unwholesome; small site for C-G. near village; country partially covered with jungle; road fair; cross the Rapti (fordable except after heavy rain) at Sidhuania Ghat. |
| | | SITKA (SUKTA GHAT). 18,000 sq. yds. Total marches, 6 = 62 m. | 11½ | 62 | |

Route No. 72.
FROM BAHRAICH TO TULSIPUR.
via IKAUNA AND BALRAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Comar. of Bahraich, Bahraich. | TILAKPUR 14,150 sq. yds. | 12 | 12 | A village; supplies procurable; good water, for a battn., from a well on, and (for animals) from a jheel ½ m. from C-G., site for which is N. of road; country cultivated and wooded; road unmetalled, but partially raised and bridged, unfit for artillery during the rains; pass Shoparah at 6 m. |
| | | IKAUNA 62,800 sq. yds. p-o. r-s. | 12 | 24 | A small town; supplies procurable; abundant good water from wells, and (for animals) from jheels near C-G., which is close to village; country and road as in last stage; pass Mullanwan at 3, and Parsura at 6 m. |
| | | GHUGHUALPUR 53,000 sq. yds. | 7 | 31 | A village; supplies procurable; limited quantity of water from wells in village; C-G. N. of road; country and road as before, but liable to inundation during the rains. |
| | | BALRAMPUR 125,000 sq. yds. p-o. r-s. | 7 | 38 | A large town; supplies abundant; plentiful good water from 2 wells on C-G., which is S. of road, and ½ m. from the Sown stream, where animals might be watered; country and road as before. |
| | | MIRZAPUR 26,600 sq. yds. | 7½ | 45½ | A village; supplies procurable; abundant good water from wells and a nullah, ½ m. from which, on roadside ½ m. from village, is site for C-G.; country as before; road as above for first 3½ m., thence neither metalled nor bridged, and difficult for wheeled traffic in the rains; cross the Rapti at 3½ m., by bridge-of-boats (unsuitable for artillery) or by ford in dry season, by ferry in the rains. |
| | Deputy Commissioner of Gonda, Gonda. | TULSIPUR 25,000 sq. yds. p-o. r-s. | 10½ | 66 | A large town; supplies abundant; plentiful good water from wells and ponds in vicinity of C-G., site for which is ½ m. S-W. of town; country cultivated; road as above; cross the Baril R. (fordable in dry season) at 3½ m., by bridge which is unsuitable for artillery. |
| | | Total marches, 6 = 66 m. | | | |

Route No. 73.
FROM BAIDYANATH-DEOGHUR TO PIRPAINTE.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. Presidency District, Fort William. | Dr. Comar. of South Parganas, Dacca. | CHOPAI 600 × 400 yds. | 6 | 6 | A village; no supplies; limited quantity of indifferent water from wells and irrigation reservoir in vicinity of C-G., which is E. of village; country as above; a range of hills runs parallel to the road, about 1 m. S.; road metalled for first 5 m., thence unmetalled, partly bridged, passable for all arms in dry weather. |
| | | NAYAKORA 600 × 400 yds. | 11 | 17 | A small village; no supplies; indifferent water (amount depending on rainfall) from wells in fields, and (for animals) from a tank; C-G. 200 yds. W. of road; country as before; road unmetalled, partly bridged, fit for all arms in the dry season. |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Southal Parganas, Dumka. | SAREYA 200 x 200 yds. | 11 | 28 | A small village; supplies on notice; plentiful good water from a well and tank in vicinity of C-G, which is W. of village; country and road as in last stage. |
| | | HA SADIHA 200 x 200 yds. | 8 | 36 | A village; supplies on notice; abundant good water from a well S of C-G, which is on the Dumka road; country and road as before. Nandhat (p. a.) is 8 $\frac{1}{2}$ m. S. |
| | | PUREYA 800 x 200 yds. | 9 | 45 | A small village; supplies on notice; plentiful good water from the Sukhri stream, except in hot weather; indifferent water from wells; C-G. N. of village on bank of stream; country and road as before; the Sukhri stream is fordable except when in flood. |
| | | GODDA 160 x 160 yds. | 11 | 56 | A town; abundant supplies; good water from the Kajla, on left bank of which and N.E. of town, is site for C-G; country and road as before. |
| | | PATHARGAMA p. a. | 9 | 65 | A small village; no supplies; water from wells in village and from the Sundar stream, on S. bank of which, and 1 m. N. of village, is extensive site for C-G; country and road as before; the Kajal stream, fordable except when in flood, is crossed on leaving Godda. |
| | | SIATA b. | 8 | 73 | A small village; supplies obtainable with difficulty and delay; indifferent water from 8 tanks on C-G, large site for which is on roadside, S. of village; country and road as before; the Sundar stream, fordable except when in flood, is crossed on starting. |
| | | PARTABPUR | 8 | 81 | A village; supplies on notice; water scarce and of indifferent quality from wells in village and a tank, near which latter is site for a large C-G; country and road as before. |
| | | PEROZEPUR. BHAGALPUR (BARAHAT) p. a. | 7 | 88 | A village; supplies on notice; good water from wells; extensive site for C-G, E. of village; country and road as before; the Dhulia R. is crossed en route, fordable in dry season, a ferry in the rains. |
| | | PIRPAINTI (or SEARMARI) p. a. t. r. s. b. | 8 | 96 | A village; supplies procurable; good water from wells and a tank; C-G. anywhere in vicinity of village; country and road as before. |
| | | Total marches, 11 = 96 m. | | | |

Route No. 74.
FROM BAIDYANATH-DEOGHUR TO RAMPUR-HAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Southal Parganas, Dumka. | CHOPAH | 6 | 6 | See Route 78. |
| | | NAWADIH | 11 | 17 | A small village; supplies on notice; abundant good water from a stream; site for large encampment W. of village; country open and cultivated; road metalled and bridged, fit for all arms. |
| | | SILINDA | 9 | 26 | A small village; supplies scarce; indifferent water from a tank near village, but good water is always procurable from the More R., 2 m. N. of C-G, large site for which is N. of village; country and road as in last stage. |
| | | DUMKA 10,000 sq. yds. | 8 | 34 | A small civil stn., hd-qs. of the Southal Parganas; supplies abundant; good water from tank and wells in vicinity of C-G, site for which is E. of road; country and road as before. |
| | | PATABARI | 9 | 43 | A small village; supplies from Dumka; good but limited water from a spring; large site for C-G. E. of village; country and road as before. |
| | | SHIKARIPARA b. | 8 | 51 | A small village; supplies on notice; good but limited water from a well in b. compound and (for animals) from a tank; large site for C-G. E. of village; country and road as before. |
| | | HARIPUR b. | 10 | 61 | A large village; supplies on notice; plentiful good water from a stream and well; C-G. anywhere round village; country and road as before. |
| | | RAMPUR-HAT p. a. t. r. s. b. | 11 | 72 | A large village; supplies on notice; abundant good water from the Chaldana tank close to which exists an excellent site for C-G; country and road as before. |
| | | Total marches, 8 = 72 m. | | | |

Route No. 75.
FROM BALASORE TO CUTTACK.
via SORO AND BHADRAK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Balasore, Balasore. | KANTAPARA 17,300 sq. yds. | 11 | 11 | A large village; supplies on notice; unlimited good water from tanks; site for C-G. in a mango grove, near road; country low-lying; road 24 ft. wide, level and metalled; all nullahs bridged with masonry, fit for artillery; pass Shergab, a large village, at 8 m. |
| | | SORO p. a. b. | 11 | 22 | A large village; supplies procurable; abundant good water from tanks and wells; site for C-G. close to road, on open waste land; country, road and bridges as in last stage; pass Bhanaga at 5 and Bada Bazar at 7 m. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | | Collector of Balasore, Balasore. | | | |
| | | SIMLIA 16,000 sq. yds. p-o. t-s. | 13 | 36 | A small village; no supplies; abundant good water from tanks; a site for C-G. in a mango grove and also on some open waste land near road; country, road and bridges as above; pass Talangar at 4 and Markona at 10 m., where there is a small b. |
| | | BHADRAK (NVA BAZAR) 185 x 185 yds. p-o. t-s. | 8 | 43 | A large village and civil sub-division; abundant supplies; water from the Salandi R., also from a large well in the Court House compound; site for C-G. by the side of the Kangbali tank close to road; country as above; road 20 ft. wide, metalled and bridged, fit for artillery; the Salandi R. is fordable except during the rains, when a ferry-boat carrying 30 men, plies. |
| | | BARIEPUR 230 x 100 yds. 100 x 100 yds. | 7 | 50 | A small village; supplies on notice; unlimited good water from tanks and several large wells between the two sites for C-G., which are on waste land close to the road; country, road and bridges as above. |
| | | AKHOYAPADA 200 x 200 yds. p-o. t-s. | 10 | 60 | A small village on the Baitarni R.; supplies on notice; plentiful good water from the river, on waste land close to which is C-G., but after heavy flood is liable to inundation; country, road and bridges as above; pass Uttarhar at 8½ and Shampur at 7 m. |
| | | KHANDITAR b. | 8 | 68 | A small village; supplies on notice; good water from the Kursua R.; limited site for C-G. near village; country and road as above; all streams have masonry bridges capable of bearing artillery; the Baitarni is crossed on starting, and the Kursua R. at end of stage, both fordable, except in rains, when one boat carrying 50 men plies across each river. |
| | | DHARMASHALA 200 x 200 yds. p-o. t-s. | 0 | 74 | A small village; few supplies; plentiful good water from numerous wells; C-G. near village; country, road and bridges as in last stage; cross the Brahmal R., fordable except during the rains, when a boat, carrying 60 men, plies. |
| | | BARCHANA p-o. b. | 8 | 82 | A village; few supplies; abundant good water from numerous wells; limited site for C-G. in b. compound; country, road and bridges as before. |
| | | TANGHI p-o. b. | 12 | 94 | A village; supplies on notice; abundant good water from numerous wells round the two small sites for C-G., which are (i) N. of road by Ramgarh village, and (ii) S. of road close to Kairapuri; country, road and bridges as above. |
| | | CHASAPARA 350 x 300 yds. | 8 | 102 | A village on N. bank of the Mahanadi; supplies on notice; good water from the river; C-G. S. of road; country, road and bridges as before. |
| | | CUTTACK 400 x 300 yds. p-o. t-s. b. | 3 | 105 | A small cantonment and civil sta.; plentiful good water; encamp on the parade ground; country, road and bridges as above; cross the Mahanadi on starting, by ford, except during the rains, when 3 boats, each carrying 25 men, ply. For a road from Cuttack to Sambalpur, see Bombay Route Book No. 261. |
| | | Total marches, 12 = 105 m. | | | |

Route No. 76.
FROM BANDA TO ETAWAH.
via JALALPUR AND KALPI.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | | Collector of Hamirpur, Hamirpur. | | | |
| | | SISOLAR 270 x 200 yds. p-o. | 15 | 15 | A village; supplies on notice; abundant good water from 2 wells on C-G., which is E. of and near village; country flat and open with partial cultivation; road only metalled as far as the Kane, crossed at about 5 m. by ford in dry season, by ferry (1 boat carrying 20 men) in the rains; nullahs bridged. |
| | | MAUDHA 70,000 sq. yds. p-o. | 9 | 24 | A large village; supplies abundant; good water from a well on the ground, and many others in the village, N. of which is C-G.; country as above; road unmetalled, but good; cross the Chandrawal (fordable in dry weather) about half-way, would be difficult in the rains. |
| | | BEWAR 330 x 320 yds. p-o. | 13 | 37 | A village; supplies on notice; good water, for 2 battns., from wells in village, near which and N. of road is C-G.; country open and cultivated; road unmetalled, but raised and bridged. |
| | | JALALPUR 460 x 410 yds. p-o. | 12 | 49 | A large village on right bank of the Betwa; supplies abundant; plentiful good water from the river, on a hill, 1 m. from which is C-G. and a well; country as above; road unmetalled, but good; cross the Birma half-way, by ford in dry season, by ferry (2 small boats) in the rains. |
| | | ITAURA 60,000 sq. yds. p-o. | 13 | 62 | A village; supplies on notice; abundant good water from a well near C-G., which is ½ m. W. of village; country as above; road an ordinary cart track, in parts scarcely defined; cross the Betwa on starting, by ford in dry season, by ferry (2 boats, each carrying 30 men) in the rains. |
| | | KALPI 400 x 300 yds. p-o. t-s. r-o. b. | 7 | 69 | A town on right bank of the Jumna; supplies abundant; plentiful good water from a well on C-G., which is on the Orai road and about 1 m. from the river; country and road as above, latter difficult after rain. |
| | | BHOONIPUR | 7½ | 76½ | Country as above; road metalled and good; cross the Jumna on starting, by pontoon bridge (will bear guns) in dry season, by ferry (5 large boats) in the rains. |
| | | SHAHJAHANPUR | 8 | 84½ | |
| | | SIKANDRA | 10 | 94½ | |
| G. O. C. Gwalior District, Meerut. | | Collector of Etawah, Etawah. | | | |
| | | AURAIYA | 10½ | 104½ | See Route 30. |
| | | AJTMAL | 14 | 118½ | |
| | | BAKEWAR | 12½ | 131½ | |
| | | ETAWAH | 14½ | 146½ | For other remarks, see Route 16. |
| | | Total marches, 13 = 146½ m. | | | |

Route No. 77.
FROM BANDA TO FATEHGARH.
via JALALPUR AND RASULABAD

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE | | REMARKS |
|---|---------------------------------------|--|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Col. of Hauzpur, Hamirpur. | BISOLAR . . . | 16 | 16 | See Route 76. |
| | | MAUDHA . . . | 9 | 24 | |
| | | BEWAR . . . | 13 | 37 | |
| | | JALALPUR . . . | 12 | 49 | |
| | | ITAURA . . . | 18 | 67 | |
| G. O. C. Oudh District, Lucknow. | Collector of Cawnpore, Cawnpore. | KALPI . . . | 7 | 69 | For other remarks, see Route 30. |
| | | BHOGNIPUR . . . | 7½ | 76½ | |
| | | SHAHJAHANPUR . . . | 8 | 84½ | |
| | | SIKANDRA . . . | 10 | 94½ | |
| | | MANANGALPUR 125,540 sq. yds. p-o. | 9½ | 103½ | |
| | | RASULABAD p-o. | 13½ | 117½ | |
| | | KHAIRNAGAR p-o. | 16 | 133½ | |
| | | TIRWA 200 x 200 yds. p-o. | 7½ | 139½ | |
| | | GURSAHAIGANJ . . . | 11 | 150½ | |
| | | KHODAGANJ 980 x 240 yds. p-o. t-s r-s. | 6½ | 157½ | |
| | Collector of Fatehgarh, Fatehgarh. | FATEHGARH . . . | 18½ | 171 | See Route 16. Country and road as above; pass Kamalganj r-s. at 6½, and cross the Bargaj stream by a masonry bridge at 7½ m. |
| | | Total marches, 16 = 171 m. | | | |

Route No. 78.
FROM BANDA TO MANIKPUR RAILWAY STATION.
via KARWI.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE | | REMARKS |
|--------------------------------------|----------------------------|--|----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Banda, Banda. | KHURHAND 140 x 135 yds. p-o. | 11 | 11 | A large village; supplies on notice; abundant good water from 2 wells in vicinity of C-G., site for which is ½ m. S. of village; country cultivated, road metalled and bridged. |
| | | BADAUSA 160 x 140 yds. p-o r-s | 16½ | 27½ | A large village; supplies on notice; water from the Bagain stream; site for C-G. S. of road; country and road as before; the Bagain stream (fordable) is reached at 16½ m.; when water is high there is a ferry (2 boats, each carrying 14 men). |
| | | AKBARPUR . . . 465 x 180 yds r-s | 7½ | 35 | A village; supplies on notice; plentiful good water from a well on C-G., which is 1 m. E. of r-s; country and road as before. |
| | | KARWI 220 x 180 yds p-o. t-s r-s. b. | 10 | 45 | A town; supplies procurable; plentiful good water from a well; C-G. about 1 m. S-E of town; road metalled and bridged except over the Bharwa stream at 1½, and the Peshni at 7½ m. (both streams fordable). |
| | | AINOHVARA 580 x 300 yds. | 6½ | 51½ | A large village; supplies on notice; abundant good water from a well; C-G. ½ m. W. of village; Bihulpur r-s. is about 4 m. distant; country cultivated and open; road as above; the Ohun stream is crossed by a bridge, ½ m. from camp. |
| | | MANIKPUR RY. STN. p-o. t-s. b. | 9½ | 60½ | A small village; supplies on notice; plentiful good water from a tank; site available near the village for a small camp; country at first cultivated, afterwards hilly and jungly; road as above. |
| | | Total marches, 6 = 60½ m. | | | |

Route No. 79.
FROM BANDA TO NAGODE.
via BISRAM GHAT.

55

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District Agn. | Collector of Banda, Banda. | From the Church to GIRWAN 43,000 sq. yds. p-o. | 12 | 12 | NOTE.—For another road, see Route 86. A small village; supplies on notice; good grazing for camels; water from one brick well, saline and bad; C-G. 800 yds. N-E. of village; country well cultivated; road for first 3 m. metalled, thence unmetalled, but bridged throughout, practicable for all arms; pass Bandapara at 7, Berokur at 8 and Poighampur at 10½ m. |
| | | PANGARA 270 x 240 yds. p-o. | 8 | 20 | |
| | | NAHARI 310 x 130 yds. | 11½ | 31½ | |
| | Poi. Agt., Bundelkhand, Norgang. | DEOGAON 400 x 200 yds. | 11 | 12½ | A small village; supplies on notice; camel grazing; good water from a well (diameter 15 ft., depth of water 8 ft.) 200 yds. S-W. of C-G., which is 1 m. from road, near village, with a difficult track leading to it; country as above; road, a cart track, very difficult during rains, bridged with eight small bridges; pass Nasani at 3½ m. |
| | | BISRAMGANJ (Foot of Ghat) 23,000 sq. yds. | 8½ | 51½ | A small village situated in a well wooded gorge; supplies on notice; camel grazing; good water from a well close to C-G., site for which is 100 yds. from village and W. of road; country as above; road for 4 m. a mere cart track, thence raised, metalled and bridged; at ½ m. cross an unbridged nullah and another at Singpur village, both of which would be very difficult during the rains. |
| | | PANNA 390 x 200 yds. p-o. t-s. b. | 12½ | 63½ | A small town; supplies procurable; good water from a well on C-G., which is in a mango grove S-W. of town and 2 m. from road; country extremely hilly and jungle; road unmetalled, but all nullahs bridged; at the 4th m. reach Bisram ghat, which is crossed by a steep, narrow path, practicable for all arms, but not loaded vehicles. |
| | | PARARIATOLA 250 x 350 yds. b. | 14½ | 78½ | A village; supplies on notice; good water from a well S. of C-G., which is 200 yds. W. of village; country undulating; road raised, metalled and bridged; pass Sakriya at 8, and the b. at 12 m. |
| | Poi. Agt., Baghelkhand, Sitna. | NAGODE | 12 | 90½ | See Route 35. |
| | | Total marches, 8 = 90½ m. | | | Country level, open and well cultivated; road as in last stage; pass Toura at 8 and Nouna at 9 m. |

Route No. 80.
FROM BANDA DAUD SHAH TO THULL.
via TERI AND GURGARI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Ambala. | Dy. Commr. of Kohat, Kohat. | TERI p-o. | 5 | 5 | NOTE.—The road as far as Dalna, 31 m., is some 20 ft. wide, gradient 1 in 30, passable for all arms; thence to Thull, about 10 ft. wide, over hills gradient 1 in 10, passable for cavalry (though artillery might possibly get through), unmetalled and unbridged, but in fair order. A large village; supplies procurable; plentiful good water from springs, wells and from a stream close to village; ample waste land for C-G.; country fairly cultivated; road branches off from the Kohat-Edwardsabad road about 1 m. N. of Banda Daud Shah. See Route 68. |
| | | GURGARI | 10½ | 21½ | |
| | | THULL | 16½ | 37 | |
| | | Total marches, 3 = 37 m. | | | |

Route No. 81.
FROM BANKURA TO CHAIBASSA.
via SINDRI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bankura, Bankura Dy. Commr. of Manbhum, Purulia. | CHAKALTOR | 10 | 10 | A small village; supplies on notice; good water, for a battn., from wells and a tank N. of village; camp in open fields; country undulating; road an unmetalled track about 12 ft. wide; cross the Dainasur R. at 5 m., fordable except when in flood. |
| | | DEHGAON | 8 | 18 | A very small village; no supplies; limited water from wells; C-G. as above; country and road as in last stage. |
| | | PUNCHA p-o. | 8 | 26 | A large bazar; supplies on notice; water, for 2 battns., from wells and tanks; C-G. in fields of unlimited extent; country undulating and covered with light jungle; road as above; cross the Solai R., en route, fordable except after heavy rains. |
| | | CHAMPATI | 8 | 34 | A small hamlet; no supplies; water from wells, but very limited; encamp as above; country and road as in last stage; cross the Kosi R. (fordable) en route. |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Maubham, Purulia. | SINDRI p-o. | 6 | 40 | A large bazar; supplies on notice; plentiful good water from wells, tanks and a stream; C-G. in field W. of the road, close to stream; country as above; road 20 ft. wide, unmetalled; cross the Kumhari stream (fordable) <i>en route</i> . |
| | | MACHABIRA | 6 | 46 | A small village; supplies scarce; water from wells, but very limited; encamp in fields of unlimited extent; country and road as above, but very bad during the rains. |
| | | DHUNA | 8 | 54 | A small village; no supplies; indifferent limited water from wells; encamp in last stage; country covered with dense jungle; road as above. |
| | | TAMULIA | 8 | 62 | A village; few supplies; limited water from wells; encamp as above; road bad. |
| | | GAMARIA 400 x 160 yds. | 8 | 70 | A village; supplies must be collected; water from a stream N. of village; C-G. on bank of stream; country hilly; road as above. |
| | | NANGTASYE 100 x 80 yds. | 6 | 76 | A small village close to the Sanjai; supplies scarce; water from the river; still available for C-G.; country and road as above; cross the Subarnika stream at the beginning and the Sanjai R. at end of march, both fordable except when in flood. |
| | | SARAIKELA p-o. | 7 | 83 | A small town; supplies plentiful; unlimited good water from a stream and tanks; spacious C-G. on banks of stream in a mango grove, W. of road; country jungly; road 12 ft. wide, unmetalled, a mere cart track; cross one nullah fordable. |
| | | THOLKO | 5 | 88 | A small village; few supplies; abundant good water from tanks; spacious C-G. close to water and W. of road; country as above; road 20 ft. wide, unmetalled, but good; all nullahs bridged with masonry culverts. |
| | | OHAIBASSA 300 x 250 yds. p-o. t.s. b. | 8 | 96 | A small civil stn.; supplies plentiful; good water from streams, well and tanks; C-G. just outside the town, close to police stn.; road as in the last stage; cross the Rora R., <i>en route</i> , fordable, except during the rains, when a ferry-boat, carrying 12 passengers, is available. |
| | | Total marches, 18 = 96 m. | | | |

Route No. 82.
FROM BANKURA TO MIDNAPORE.
and GARHBETA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bankura, Bankura. | ONDA p-o. | 11½ | 11½ | A small village; supplies on notice; good water from tanks and wells N-E. of C-G., small site for which is N-W. of village; country flat and well cultivated; road 20 ft. wide, metalled, bridged, and fit for all arms; cross the Durgasur R. at 2½, by a ferry (2 boats, one carrying 50, the other 15 men), fordable in the dry season, and the Kukra Khali (fordable) at 8 m. |
| | | BISHNUPUR p-o. t.s. | 8½ | 20 | A municipal town on right bank of the Barai R.; supplies on notice; abundant good water from tanks N-W. of C-G., small site for which is W. of road; country partially covered with jungle; road as in last stage; pass Bameagar at 5, and cross the Barai R. (fordable over a causeway, except for 2 or 3 hours after floods) at 8½ m. |
| | | BANKAHADA | 8½ | 28½ | A small village; supplies scarce; abundant water from tanks; small site for C-G. W. of road; country and road as in last stage. |
| | | GARHBETA p-o. t.s. b. | 7½ | 36½ | A large village on right bank of the Selsi R.; abundant good water from wells, tanks and the river, on bank of which, and immediately after passing the village, is site for small C-G.; country well cultivated, with jungle here and there; road 2½ ft. wide (8 ft. metalled); all nullahs have bridges and culverts capable of bearing field artillery; cross the Selsi R. towards end of stage, by a ferry, two boats, one carrying 50 passengers, and the other 250 mds. of baggage. |
| | | SALBANI p-o. b. | 17 | 53½ | A small village; supplies on notice from Asandpur, 6 m. distant; water, for a battn., from tanks and wells; small site for C-G. W. of b.; country, road and bridges as in last stage. |
| | | MIDNAPORE p-o. t.s. b. | 15 | 68½ | A small civil stn. and old cantonment on the left bank of the Koesai R.; supplies plentiful; abundant good water from wells and tanks; small site for C-G. N. of town; country and road as in last stage; pass Saldangra at 2 and Balkeas at 6 m. |
| | | Total marches, 6 = 68½ m. | | | |

Route No. 83.
FROM BANKURA TO PURULIA.
and HURA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Bankura, Bankura. | KANJIAKURA 100,000 sq. yds. | 10 | 10 | A village; supplies on notice; water, for a battn., from a tank and wells; high and level paddy fields available for C-G. on both sides of road; country cultivated; road 10 ft. wide, unmetalled, a rough country track. |
| | | ALJURA 100,000 sq. yds. | 9 | 19 | A small village; supplies must be collected; abundant good water from a tank and stream; C-G. as above; country and road as in last stage. |

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Manbhum, Purulia. | HURA | 12 | 31 | A large village; supplies on notice; water from a tank and large masonry well, 30 ft. deep; C-G. on high, level paddy fields; country partly covered with jungle; road, 10 ft. wide, good, but unmetalled; no nullahs. |
| | | LADHURKA | 9 | 40 | A village; supplies on notice; abundant water from tanks and a stream; C-G. as in last stage; country cultivated; road, 20 ft. wide, unmetalled, but gravelled. |
| | | PURULIA | 11 | 61 | A civil sta.; supplies plentiful; abundant good water from tanks and wells; C-G. as above; country and road as in last stage; cross 1 unbridged nullah, 80 ft. wide, fordable. |
| | | Total marches, 5 = 61 m. | | | |

Route No. 84.
FROM BANKURA TO RANIGANJ.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collr. of Bardwan, Bankura. | GANGAJALGHATI | 14½ | 14½ | A small village; supplies on notice; abundant good water from tanks; small site for C-G. W. of road; country partially cultivated; road, 20 to 26 ft. wide, metalled, bridged, and suitable for artillery; cross the Gandeshwari stream on starting, fordable over a brick causeway, except during floods, when there is a ferry, one boat, carrying 60 men, plies; pass Kanomari at 9 m. |
| | | RANIGANJ | 16 | 29½ | A small municipal town; supplies and good water abundant, the latter from tanks; C-G. near the old cantonment, E. of road; country and road as above; cross the Damola R. at 12½ m., by ford in dry season, by ferry (4 boats, each carrying 60 men) in the rains. |
| | | Total marches, 2 = 29½ m. | | | |

Route No. 85.
FROM BAREILLY TO ALMORA.
via BAHERI AND RANIBAGH.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Bareilly. | From the Church to BHUJPURA | 13½ | 13½ | A large village; supplies on notice; good water, for 500 men, from a masonry well at N.E. corner of C-G., which is E. of road and N. of village; country flat and cultivated; road 20 ft. wide, metalled, bridged, and passable for all arms; pass Karampur at 6, Ubipur at 10½, and cross the Dharmia stream at 11½ m. |
| | | DEORANIYA | 7½ | 21½ | A village; supplies on notice, but scarce; good water, for a ½ battn., from a masonry well at entrance to C-G., which is E. of road and S. of village; country and road as above; pass Jandampur at 6½ m. |
| | | BAHERI | 9½ | 30½ | A large village; supplies on notice; good water, for 500 men, from a masonry well on C-G., which is W. of road and S. of village; country and road as above; pass Karampur at 2, Kaman at 4, cross the Dhora at 7½, Madampur at 2½ m. and cross the Kitha R., whence an unmetalled road turns E. to Pilibhit. |
| | | SUTUYA | 7½ | 38½ | A small village; supplies on notice; good water from the Kitha R., near which, and E. of and close to road, is site for C-G.; country partly cultivated, intersected with water-cuts; road as above; pass Shahgarh at 1½, Madampur at 2½ m. and cross the Kitha R., bridged by ry., at end of stage. |
| | | NAGLA | 8 | 46½ | A small village; supplies on notice; good water from the river near C-G., site for which is E. of and close to road; country, the Terai; road as above; cross the Bainsi at 4 m. |
| | | HYRAGANJA | 12½ | 59½ | A village; supplies on notice; good water from a canal W. of C-G., which is close to village and 160 yds. W. of road; country and road as in last stage. |
| | | RANIBAGH | 8 | 66½ | A village; supplies on notice; good water from the Gola R. and from a pump on C-G., site for which is E. of and close to road; country as above to Kathgodam, thence hilly; road as above; pass Huldwani at 4½ m. Kathgodam, the ry. terminus, is 1 m. from camp. |
| | | | | | NOTE.—During the hot weather, and until the Terai is reported free from fever (usually in December), no halt must be made between Baheri and Huldwani, 31 m. |
| | | BHIM TAL | 7 | 73½ | A small village, elevation 4,304 ft.; supplies on notice; good water from the lake and from a spring close to C-G., site for which is ½ m. from village; road 13 ft. wide, unmetalled, unfit for camels and wheeled traffic; gradual ascent all the way; cross the Balla (bridged) on starting. |
| | | RAMGARH | 10 | 83½ | Country very hilly; road as above, in fair order, ascending from Bhim Tal and then crossing the Gaghur range. |
| | | PEOARA | 9½ | 93½ | |
| G. O. C. Rohilkand District, Almora. | Dr. Commr. of Kanan, Almora. | ALMORA | 9½ | 102½ | See Route 43 (a). A small cantonment, elevation 5,850 ft.; supplies on notice; good water, for 1,000 men, from a spring close to rifle range; latter could be used as a C-G., room for a battn. |
| | | Total marches, 11 = 102½ m. | | | |

Route No. 86.
FROM BARBILLY TO BUDAUN.
via BINAWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Collr. of Bareilly. | From the Church to ALAMPUR . . . 78,500 sq. yds. | 7½ | 7½ | A village; supplies on notice; good water, for a battn., from 2 wells; C-G. N. of village and E. of road; country open and cultivated; road metalled and suitable for all arms; cross the Ramganga R. at 6 m., by a bridge-of-boats in dry season, by ferry (4 boats, carrying 800 mds. each) in rains; pass Sirdar-nagar at 6½ m. |
| | Collr. of Budaun. | BINAWAR . . . 800 × 300 yds. p-o. | 10½ | 18½ | A village; supplies on notice; abundant good water from 2 wells on C-G., which is W. of village at 21st mile-stone; country and road as in last stage; cross the Uril stream, bridged, at 7 m. |
| | | BUDAUN . . . | 9½ | 27½ | See Route 12. |
| | | Total marches, 8 = 27½ m. | | | Country flat, open and cultivated; road as above; pass Ghutpur at 1½ and Malgawa at 8 m. |
| | | | | | |

Route No. 86(a).
FROM BARBILLY TO BUDAUN.
via AONLA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Collector of Bareilly. | From the Church to GAINI . . . p-o. | 9 | 9 | A small village; supplies on notice; good water from a well close to police station; no regular C-G., site used is S-E. of village and W. of road; country open, cultivated and well wooded; road metalled and fairly good, but heavy in places, width 30 ft., unfit for heavy artillery; cross the Ramganga R. en route, by bridge-of-boats in dry season, by ferry in rains; 4 boats, 3 of 300 mds. and 1 of 200 mds. capacity, generally available. |
| | Collector of Budaun. | AONLA . . . p-o. t-s. r-s. | 9 | 18 | A village; supplies on notice; good water for 400 men and 200 animals from a well N. of C-G., small site for which is within the village and N. of road; country as before; road fairly good, metalled, bridged, fit for all arms. |
| | | KUMARGAON . . . | 8 | 26 | A small village; supplies on notice; abundant good water from 1½ wells in the village; a very large mango grove on E. side of village available for C-G.; country well cultivated; road metalled, 30 ft. wide, suitable for all arms. |
| | | BUDAUN . . . | 9½ | 35½ | See Route 12. |
| | | Total marches, 4 = 35½ m. | | | Country and road as above. |

Route No. 87.
FROM BARBILLY TO FATEHGARH.
via FATEHGANJ and JALALABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collr. of Bareilly. | From the Church to FARIDPUR . . . 160,800 sq. yds. p-o. t-s. r-s. | 12½ | 12½ | A village; supplies on notice; plentiful good water from a well in S-E. corner of C-G., which is N. of village; country flat and cultivated; road metalled, bridged, practicable for all arms; cross the Nakutes stream at 2½, pass Bhandaula at 5, Rajao at 7 and Fateganj at 11½ m. |
| | Collr. of Bareilly. | FATEHGANJ . . . 126,400 sq. yds. p-o. t-s. r-s. | 10½ | 23 | A village; supplies on notice; abundant good water from two wells; C-G. N-E. of road; country and road as in last stage; pass Bhagwanpur at 8½ and Tisra at 6½ m. |
| | Collr. of Shahjahanpur. | MADNAPUR . . . 70,000 sq. yds. p-o. t-s. | 15½ | 38½ | A small village; supplies on notice; good water from a well on C-G., which is E. of village; country and road as above; cross the Byghul R. at 4 m., by a bridge-of-boats in dry season and a ferry (1 boat, carrying 80 men) in the rains; pass Kutra village (p-o) at 4½ m. |
| | Collr. of Fatehgarh. | JALALABAD . . . 63,200 sq. yds. p-o. | 9½ | 47½ | A large village; supplies on notice; good water from a well on C-G., which is N. of village; country and road as before; pass Barua at 1½, Khudaganj at 3 and Sahjau at 6 m. |
| | Collector of Farrukhabad. | ALLAHGANJ . . . 386 × 280 yds. p-o. | 12½ | 60½ | A village; supplies procurable; good water, for a battn., from a well, with trough, E. of C-G., which is N-W. of village; country very open and cultivated; road as before; pass Tugri at 5, Manliar at 7½, Chorasra at 8½, and Kula at 6½ m. |
| | Collector of Fatehgarh. | FATEHGARH . . . | 13 | 73½ | See Route 16. |
| | | Total marches, 6 = 73½ m. | | | Country and road as in last stage; cross the Ramganga R. at 8½ m.; bridge-of-boats, in dry season (will bear artillery, one gun at a time), and a ferry, (30 boats each carrying 100 men) in the rains; pass Chitaporo at 7½ and enter the bed of the Ganges R. at 8½ m., when road becomes very heavy for about 1½ m.; the Ganges is crossed by a bridge-of-boats (will bear guns) in the dry weather and by a ferry (16 boats) in the rains. |
| | | | | | |

Route No. 88. FROM BAREILLY TO MORADABAD.

59

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Bareilly, Bareilly. | From the Church to FATEHGANJ-WEST 162,840 sq. yds. p-o. r-s. | 12½ | 12½ | A village; supplies on notice; abundant good water from a well N-E. of C-G., which is S. of village; country open and well cultivated; road metalled and bridged as far as the Sanka R., width 80 ft., fit for all arms; enter Bareilly city at 2½, and cross the Sanka (bridged) at 10 m. |
| | | MIRGANJ 124,280 sq. yds. p-o. t-s. | 9½ | 21½ | A large village; supplies on notice; abundant good water from 2 wells on C-G., which is S. of village; country as in last stage; road unmetalled, but fit for all arms; cross the Kitcha R. at 3 and the Dukra-Dukra at 4 m., both by bridge-of-boats in the dry season; in the rains a ferry (2 boats, each carrying 60 men) plies across each river. |
| | | KANORA, DHAMORA 286,250 sq. yds. r-s. at Dhamora. | 10½ | 31½ | Two villages; supplies on notice; abundant good water from 2 wells on C-G., which is S. of villages; country as before; road bridged, but not metalled; pass Milak (p-o) en route. |
| | | GANESH GHAT 460 x 800 yds. b. | 12½ | 44½ | A small village; supplies on notice; abundant good water from wells on and near C-G., which is on right bank of the Kosila R.; country fairly cultivated; road as above, width 30 ft., heavy in places, but passable for all arms; cross the Kosila, bridged in dry season, at 11½ m.; in the rains there is a ferry, or the ry. bridge might be utilised. |
| | | MORADABAD | 13 | 57½ | See Route 27. |
| | | Total marches, 5 = 57½ m. | | | Country and road as in last stage, latter metalled towards end of march; pass Mecha at 2½ and Bhavia at 8½ m.; at 10 m. a metalled road leads to the ry. bridge over the Kanganga R. and thence to C-G.; there is also a road through the town, crossing the Kanganga by bridge-of-boats in dry weather and by ferry in the rains. |

Route No. 89. FROM BAREILLY TO NAINI TAL. via BAHERI AND RANIBAGH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Bareilly, Bareilly. | BHOJPURA | 13½ | 13½ | See Route 83. |
| | | DEORANIYA | 7½ | 21½ | |
| | | BAHERI | 9½ | 30½ | |
| | | SUTUYA | 7½ | 39½ | |
| | | NAGLA | 8 | 40½ | |
| | | HYRAGANJA | 12½ | 53½ | |
| | Dy. Commr. of Naini Tal, Naini Tal. | RANIBAGH | 8 | 60½ | A halting place with small hotel; supplies from Naini Tal; plentiful good water from a stream immediately below C-G., small site for which is E. of and near road; country mountainous; cart-road metalled and bridged, width 20 ft.; bridle-road unmetalled, but bridged, steepest gradients 1 in 6, fit for pack transport and shortens the stage quite 3 m.; troops would do well to march by the latter. |
| | | THE BREWERY p-o. | 10½ | 70½ | |
| | | NAINI TAL | 11 | 81½ | |
| | | Total marches, 9 = 81½ m. | | | See Route 43. Country as before; cart-road and bridle-road as above, by latter the distance from last camp to Naini Tal Church is 8 m. |

Route No. 90. FROM BAREILLY TO PITHORAGARH. via PILIBHIT AND LOHAGHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Bareilly, Bareilly. | RITHIAURA 47,056 sq. yds. p-o. | 11 | 11 | A village; supplies on notice; good water, for a battn., from 2 wells, one by police thana, and the other on C-G., which is N. of village; animals can be watered at the Nakuta R.; country open, level and cultivated; road 86 ft. wide (12 ft. metalled); pass Chanwar at 7 and cross the Nakuta (bridged) at 9 m. |
| | | NAWAEGANJ 40,470 sq. yds. p-o. t-s. r-s. | 9 | 20 | A village; supplies on notice; abundant good water from wells; C-G. N. of village on bank of the Pangrauli R., latter being crossed by bridge in dry weather, and by ferry in rains; country and road as in last stage; pass Hafteganj at 6 and cross the Byghul stream (bridged) at 7½ m. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-------|--|-----------|-------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Rohilund District, Bareilly. | | By Collector of Naini Tal, Pilibhit, Pilibhit. | | | |
| | | PILIBHIT . . . 77,410 sq. yds. p-o. f-s. b. | 12 | 32 | A town and small civil stn.; supplies on notice; good water from the Deoha R. and from wells on C-G, which is S. of town; country and road as above; cross the Deoha by ry. bridge at 11 m. |
| | | ALANPUR . . . 18,380 sq. yds. | 11 | 43 | A small village; supplies on notice; site for C-G. 2½ m. E. of the Deoha R. from whence good water is obtainable; there is also a well S. of the ground, supply from which is limited; country partially cultivated; road unmetalled, but good, 76 ft. wide, passable for all arms; nullahs unbridged; cross the Kukra bridge on leaving Pilibhit and pass Siles at 3 and Lalpuria at 10½ m. |
| | | KUTEYMA . . . p-o. b. | 13 | 56 | A small village in the Terai; supplies on notice; abundant good water; site for C-G. S. of tehal; country well cultivated; road as in last stage. |
| | | TANAKPUR . . . b. | 16 | 72 | A small village; supplies on notice; fair water from the Kali R.; space available for C-G. close to b.; country, the Terai; road as above; cross the Kukra, Gurkha and Jugbura rivers en route, all bridged. |
| | | DEORI . . . b. | 16 | 87 | A small village; supplies on notice; good water from a stream in vicinity; small site for C-G. above b.; country mountainous; road unmetalled, but good; the Ladha and Jhula rivers have temporary bridges in dry season only. |
| | | CHAMPAWAT . . . 300 x 100 yds. p-o. b. | 15 | 102 | A small village; supplies on notice; unlimited good water from a reservoir to W. of b., and from a stream S. of C-G, which is W. of road; country and road as in last stage; latter stony and difficult. |
| | | LOHAGHAT . . . | 6 | 108 | See Route 42. Country jungly; road unmetalled, average width 8 ft., passable for infantry and transport animals; cross the Baloti ravine by a wooden bridge. |
| | | CHIRA . . . 100 x 100 yds. | 8½ | 116½ | A small village; supplies on notice; abundant good water from a spring ½ m. towards Guma; C-G. 8-W. of road; country and road as above; latter ascending gently for about 3 m. to the Raikot pass, thence descending by an easy gradient to Chira. |
| | | GUMA (GUN) . . . 300 x 60 yds. b. | 10 | 126½ | A small village; supplies on notice; limited supply of good water from a well S.E. of b., near which is C-G; country and road as before; cross the Jilra ravine by a wooden bridge and the Ramganga R. by a suspension bridge. |
| | | PITHORAGARH . . . | 8 | 134½ | See Route 41. Country and road as in last stage. |
| | | Total marches, 12 = 134½ m. | | | |
| G. O. C. Rohilund District, Bareilly. | | By Commr. of Naini Tal, Naini Tal. | | | |
| | | Deputy Commissioner of Kumaon, Almora. | | | |
| | | By Commr. of Naini Tal, Bareilly. | | | |
| | | Deputy Commissioner of Naini Tal, Naini Tal. | | | |
| | | By Commr. of Kumaon, Almora. | | | |
| | | Deputy Commissioner of Naini Tal, Naini Tal. | | | |
| | | By Commr. of Naini Tal, Bareilly. | | | |
| | | Deputy Commissioner of Naini Tal, Naini Tal. | | | |
| | | By Commr. of Kumaon, Almora. | | | |
| | | Deputy Commissioner of Naini Tal, Naini Tal. | | | |

Route No. 91.
FROM BAREILLY TO RANIKHET.
via **BAHERI, RANIBAGH AND RATIGHAT.**

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-------|--|-----------|-------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Rohilund District, Bareilly. | | By Collector of Bareilly, Bareilly. | | | |
| | | BHOJPURA . . . | 18½ | 18½ | See Route 85. |
| | | DEORANIYA . . . | 7½ | 21½ | |
| | | BAHERI . . . | 9½ | 30½ | |
| | | SUTUYA . . . | 7½ | 38½ | |
| | | NAGLA . . . | 8 | 46½ | |
| | | HYRAGANJA . . . | 12½ | 58½ | See Route 59. |
| | | RANIBAGH . . . | 8 | 66½ | |
| | | THE BREWERY . . . | 10½ | 76½ | A small village; supplies on notice; plentiful good water from a covered reservoir on S-W. boundary of C-G, good but small site for which is on S. side of road; country mountainous, forest 2 m. thickly wooded road as in last stage, up-hill for 8 m., gradient 1 in 30, then down hill for remaining 2 m., gradient 1 in 16. Naini Tal is 5 m. distant from village. |
| | | BHOWALI . . . p-o. b. | 10 | 86½ | |
| | | RATIGHAT . . . b. | 8½ | 94½ | A halting place; supplies on notice; good water, for a battn., from a covered reservoir on C-G, good but limited space for which being on terraces just above road; country mountainous and wooded; road as above, all down-hill. |
| | | BAMSUN . . . b. | 10½ | 105½ | A small village; supplies on notice; good water, for a battn., from a reservoir on C-G, latter on small terraces, on W. side of road; country and road as before; cross the Ramgarh R. at 1, and the Kosi at 4 m. (both have iron bridges). |
| | | RANIKHET . . . | 10½ | 116½ | See Route 45. Country and road as above, latter up-hill for first 9 m., thence down-hill. |
| | | Total marches, 12 = 116½ m. | | | |

| No. | Dist. | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|---|--------|--|
| | | | Miles. | Total. | |
| G. O. C. Bahadur District, Bareilly. | Colr. of Bareilly, Bareilly. | BHOJPURA . . . | 13½ | 13½ | See Route 85. |
| | | DEORANITA . . . | 7½ | 21½ | |
| | | BAHERI . . . | 9½ | 30½ | |
| | Deputy Commissioner of Naini Tal, Naini Tal. | KICHHA . . . 163 x 100 yds. p-o. b. | 9½ | 40½ | A small village; supplies on notice; unlimited good water from wells, the Kichha R. and a canal; site for C-G. E. of tehsil; country partially cultivated; road metalled, bridged, 36 ft. wide, practicable for all arms; pass Mandanpur at 2½ and cross the Kichha R. (bridged) at 8½ m. |
| | | RUDARPUR . . . p-o. | 8 | 48½ | A village; supplies on notice; good water from the river close by; small C-G. W. of village; country as above; road unmetalled, otherwise as in last stage. |
| | | BARAKHERA (GADARPUR) 210 x 90 yds. p-o. | 10½ | 59½ | A large village; supplies on notice; plentiful good water from a well E. of C-G., site for which is E. of tehsil; country and road as in last stage; cross, by strong bridges, the Dimri, Bakra and Neshal streams en route. |
| | | SAFA KHANA . . . 300 x 250 yds. p-o. | 11 | 70½ | A small village in the Terai; supplies on notice; abundant good water from wells S-E. of C-G., which is N-W. of tehsil buildings; country and road as above. |
| | | KASHIPUR . . . p-o. b. | 14 | 84½ | A small town, residence of Raja of Kashipur; supplies on notice; abundant good water from wells close to C-G., latter (private property of the Raja) extensive and shady; country and road as above. |
| | | BAN KA KUA . . . 250 x 130 yds. | 9 | 93½ | A halting place; no village; supplies on notice from Ramnagar or Kashipur; plentiful good water from a tank near to, and a well on C-G., which is ½ m. E. of new road; country jungle; road 50 ft. wide, bridged, unmetalled, sandy and heavy for first 2 m., passable for all arms. |
| | | ANSOTH . . . | 10 | 103½ | A halting place; no village; supplies from Ramnagar on notice; abundant good water from a reservoir close to C-G., which is extensive, near road; country and road as in last stage; pass Ramnagar at 2 m. |
| | | KUMERIA . . . 30,000 sq. yds. b. | 11½ | 114½ | A small village; supplies on notice; good water from the Kosi R.; C-G. close to b.; country, thick jungle; road metalled for 1 m., thence unmetalled, 20 ft. wide, in good condition and passable for all arms; nullahs bridged; cross the Kosi R. at 5, and again at 11 m. (impassable here in the rains) by suspension bridges. There is also a cart road, practicable at all seasons, from Ansoth to Komeria; distance by this road 16½ m. |
| | | TOTUAM . . . 29,220 sq. yds. | 6½ | 120½ | A small village; supplies on notice; abundant good water from a spring 680 yds. E. of C-G., site for which is S. of and near road; country partially cultivated; road unmetalled but good, passable for all arms; nullahs bridged. |
| | | MALU KHAN . . . 50,000 sq. yds. | 7½ | 127½ | A small village; supplies on notice; limited supply of good water from a reservoir ½ m. N. of C-G., which is S. of and near road; country and road as in last stage. |
| | | DANPO . . . 47,610 sq. yds. | 10½ | 138½ | A village; supplies on notice; good water from a reservoir on C-G., which is N. of road; country and road as above. |
| SEONI . . . 32,550 sq. yds. | 8½ | 146½ | A village; supplies on notice; good water from the Guyargah stream; C-G. N. of road; country and road as above. | | |
| RAKHET . . . | 10½ | 157½ | See Route 45. Country and road as before. | | |
| | | Total marches, 16 = 157½ m. | | | |

Route No. 92.
FROM BAREILLY TO SHAHJAHANPUR.
via FATEHGANJ.

| Attractions. | | Name of stages and size of accompanying garrands. | Distances. | | Remarks. |
|---|-------------------------------|---|------------|--------|--|
| M. I. Day. | Civil. | | Stages. | Total. | |
| G. O. C. Bahadnagar District, Bareilly. | Civil of Bahadnagar District. | From the Church to | | | } See Route 57. |
| | | FARIDPUR . | 12½ | 12½ | |
| | | FATEHGANJ . | 10½ | 23 | |
| | | TILHAR . | 10½ | 33½ | A large village; supplies on notice; good water, for a batin, from a well on G.G., which is 8. of road; country cultivated; road, 0 ft. wide, unmetalled, but passable for all arms; cross the Byghul R. at ½, by bridge-of-boats in dry weather, a ferry (1 boat carrying 15 men) in the rains, and pass Katra at 4½ m., where a road to Pilibhit branches off. |
| | | 180 × 180 yds. p-o. t-s. r-s. | | | |
| | | SHAHJAHANPUR . | 12½ | 46½ | |
| | | 400 × 230 yds. p-o. t-s. r-s. b. | | | |
| | | Total marches, 4 = 46½ m. | | | |

A city and sm

FROM BARBARWA TO SAHEBGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissaire of Southern Parganas, Dumka. | BARBARWA . p-o. t-s. r-s. | ... | .. | A village; grain procurable, other supplies on notice; abundant good water from ry. tank near C-G, which is N. of r-s. and of unlimited extent; country open and cultivated. |
| | | RANOA . b. | 6 | 6 | A small village; no supplies; limited quantity of good water from a small stream, and (for animals) from a tank; extensive C-G. W. of village and near road; country as above; road metalled for first 3 m., thence unmetalled, 16 ft. wide, partly bridged, fit for all arms in the dry season only; the Gomani stream (generally dry) is crossed at 6 m. |
| | | BARHAIT . 12,000 sq. yds. p-o. | 7 | 13 | A village; supplies on notice; good water from the Gomani R., on bank of which and N-W. of village, is site for C-G; country and road as before. |
| | | NOWGAON . b. | 7 | 20 | A village; no supplies; abundant good water from the Morel stream $\frac{1}{2}$ m. E. of C-G, there being an extensive site for latter N. of village; country and road as before. |
| | | BARIO . 10,000 sq. yds. p-o. b. | 7 | 27 | A village; supplies plentiful; abundant good water from a well on, and from the Morel R. $\frac{1}{2}$ m. E. of C-G, site for which is near b.; country and road as before; the Morel stream is crossed twice en route. |
| | | BANJHI . b. | 10 | 37 | A village; small quantities of grain procurable, other supplies on notice; good water from the Morel stream, and (for animals) from a tank; C-G of unlimited extent, E. of village; country and road as before. |
| | | SAHEBGANJ . 18,000 sq. yds. p-o. r-s | 9 | 46 | A village; supplies plentiful; good water from the Ganges, and from wells on C-G, site available for which is W. of r-s; country hilly and wooded for first 6 m.; road as before; the Rajmahal hills are crossed in this stage. |
| | | Total marches, 6 = 16 m. | | | |

Route No. 94.

FROM BARRACKPORE TO JESSORE.

and BARASAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------|---|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of 24. Parg., Alipore. | BARASAT . 400 x 200 yds. p-o. | 9 | 9 | A small civil stn.; supplies plentiful; C-G. in kacheri compound, where there is a large deep tank with unlimited good water; country level and open; road 27 ft wide, metalled, bridged and fit for artillery. |
| | | SHAREPUR . b. | 13 | 22 | A small village; supplies on notice; paddy fields near village available for C-G. in dry season, fairly good water being obtainable from a tank, otherwise there is a good and extensive camping site four miles beyond the village, water being procurable from tanks in vicinity; country and road as above. |
| | | GAIGHATA . 650,000 sq. yds. | 10 $\frac{1}{2}$ | 32 $\frac{1}{2}$ | A village; supplies on notice; water, of fair quality, from the Jabana R.; C-G. W. of bar; country as above; road, 29 ft. wide, unmetalled, but fit for all arms in dry season. |
| | Colr. of Nadia, Krishnagar. | JOYNTIPUR . 84,000 sq. yds. | 14 | 46 $\frac{1}{2}$ | A village; supplies on notice; fair water from a stream N. of C-G., which is 400 yds. N. of village; country as before; road, unmetalled for 9 m., 20 ft. wide, thence brick metalled, fit for all arms, but 2 pontoon bridges, one at Gighata, and the other at Baugoon, will not carry more than one ton at a time on each pontoon. |
| | | JADABPUR . 265 x 65 yds. p-o. r-s. b. | 8 | 54 $\frac{1}{2}$ | A village; supplies on notice; water, good in rains, indifferent in hot weather, from the Bhetha R. $\frac{1}{2}$ m. E. of site for C-G; country low-lying and subject to inundation; road 24 ft. wide, 8 ft. metalled, fit for all arms. |
| | Colr. of Jessore, Jessore. | JHINKARGAOKHA . 265 x 65 yds. p-o. r-s. | 7 $\frac{1}{2}$ | 62 | A village; supplies on notice; good water from the Gobaduk R. N-W. of site for C-G., which is $\frac{1}{2}$ m. S-E. of village; country low-lying, but not subject to floods; road as in last stage; one iron suspension bridge is crossed en route (not suitable for heavy ordnance). |
| | | JESSORE . 265 x 65 yds. p-o. t-s. r-s. b. Total marches, 7 = 71 m. | 9 | 71 | A town; supplies plentiful; abundant good water; site for C-G. $\frac{1}{2}$ m. W. of town; country under rice cultivation; road metalled and bridged. |

Route No. 95.

FROM BARUN TO ARWAL by road, thence by Canal Route to Digba Ghat for Dinapore or Patna.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| D. Troop, Allahabad. | Collector of Gaya, Gaya. | DAUDNAGAR . | 16 | 16 | NOTE.—This road is impassable during the rainy season, when the Patna or E. Sone canal could be used. See Route 54. Country low, level and cultivated; road, unmetalled, runs along right bank of the Sone, between it and the Patna canal, passable only in fair weather. |
| | | PARWEZABAD . 270 x 220 yds. | 13 | 29 | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | ARWAL 400 x 300 yds. p-o. | 10 | 30 | A village; supplies on notice; good water from the canal; site available for C-G. near canal 2 m. E. of village; country and road as above. Arwal is 41 m. by canal from Digha Ghat and Patna, and 42 m. by the same route from Barun; a road runs E. from Arwal to Jehannabad r-s. (See Route 345.) |
| | | Total marches, 3 = 30 m. | | | |

Route No. 96.
FROM BASTI TO DHEKAHRI, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Basti, Basti. | LACHMANPUR | 10 | 10 | <p>NOTE.—The C-Gs. in this route are of unlimited size, and there is water for 1,000 men at each stage.</p> <p>A small barar; supplies procurable; water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country well cultivated; road raised and bridged, but unmetalled and difficult for wheeled traffic during the rains.</p> <p>A village; supplies procurable; good water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country and road as in last stage; cross the Bismi R. at 7½ m.</p> <p>A large village; supplies procurable; good water from wells; suitable site for C-G. in a grove N. of road; country and road as above.</p> <p>A village; supplies procurable; good water from wells; C-G. in mango groves; country and road as above; cross the Rapti on starting by a bridge-of-boats in the dry season, and a ferry during the rains, neither suitable for carts.</p> <p>A village; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above, latter much cut up by nullahs, unbridged, but always fordable.</p> |
| | | BHANPUR p-o. | 10 | 20 | |
| | | DOMARIAGANJ p-o. | 12 | 32 | |
| | | INTWA | 10 | 42 | |
| | | DHEKAHRI | 10 | 62 | |
| | | Total marches, 6 = 62 m. | | | |

Route No. 97.
FROM BASTI TO MAHADEWA, near the Nepal Frontier.
via BANSL

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Basti, Basti. | SISWARI | 10 | 10 | <p>A village; supplies procurable; abundant good water from wells and tanks; a suitable site for C-G. S. of road; country chiefly rice-fields; road, unmetalled, but raised, bridged, and practicable for all arms throughout the year.</p> <p>A village; supplies procurable; abundant good water from wells and tanks; good C-G. in mango groves; country and road as in last stage.</p> <p>A large town on right bank of the Rapti; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country and road as in last stage.</p> <p>A large town; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country as in last stage; road neither metalled, raised, nor bridged, not suitable for artillery in rains; cross the Rapti R. at Bansi, by a bridge-of-boats and a ford in the dry season, and by a ferry during the rains, 3 boats, carrying 100 to 250 mds. each; the Banganga R. is crossed at 6 m., fordable during the dry season, a ferry (3 large boats) in the rains.</p> <p>A small village, 6 m. from the Nepal frontier; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above; cross the Jamunwar R., strongly bridged; numerous small nullahs en route are impassable when in flood.</p> |
| | | RUDALI p-o. | 10 | 20 | |
| | | BANSI p-o. b. | 12 | 32 | |
| | | NAUGARH | 13 | 45 | |
| | | MAHADEWA | 11 | 56 | |
| | | Total marches, 6 = 56 m. | | | |

Route No. 98.
FROM BENARES TO AZAMGARH.
via DEOGAON.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Jaunpur, Benares. | OHOLAPUR p-o. | 10 | 10 | <p>A village; supplies on notice; good water from a well on, and from another 110 yds. E. of C-G., small site for which is in a grove 220 yds. W. of Dhasmana village; no other site available; country flat and well cultivated; road metalled and bridged; cross the Burna R. on leaving the station and the Nand R. at 9½ m.</p> <p>A village; supplies on notice; abundant good water from a well on C-G., which is 200 yds. N. of village; water for animals from the Gumti R.; country open and cultivated; road as above; cross the Gumti R. at 8 m., in dry weather by a boat and pile bridge, and by a ferry (2 boats, each carrying 20 men, others on notice) in the rains.</p> |
| | | CHANDWAK 800 x 100 yds. p-o. | 9 | 10 | |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|----------------------------------|---|----------|-------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | DEOGAON 200 x 200 yds p-o b | 11 | 30 | A village; supplies on notice; abundant good water from 2 wells and a tank, on and in the vicinity of C-G, which is $\frac{1}{2}$ m. E. of village; country and road as above; cross the Gungri at 10 m. |
| | | GHUMANDIH 800 x 310 yds. | 10 | 40 | A village; supplies on notice; plentiful good water from 2 wells on, and from a tank 200 yds. W. of C-G, which is 230 yds. N. of village; country and road as above; cross the Basu R. at 8 m. |
| | | SARSENA | 10 | 50 | See Route 64 Country and road as above; join the road from Jaunpur at 6 $\frac{1}{2}$ m. and cross the Nangai stream soon afterwards |
| | | AZAMGARH 28,000 sq. yds p-o l-s r-s b | 10 | 60 | A small civil stn on left bank of the Tonsa, and liable to floods; supplies abundant; plentiful good water from 3 wells (one slightly brackish) on C-G, site for which is on high and dry ground in the Judge's compound; country and road as above; pass Azaribagh at 7 m. and cross the Tonsa at entrance to city. |
| | | Total marches, 6 = 60 m. | | | |

Route No. 99.
FROM BENARES TO BUXAR.
and THE GRAND TRUNK ROAD AND CHAUSA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|---|---|------------------|------------------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Benares, Benares. Collector of Shahabad, Arrah. | JALILPUR | 6 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | See Route 266. |
| | | JAGDIS-KI-SARAI | 12 | 18 $\frac{1}{2}$ | |
| | | KHAJURA | 11 | 29 $\frac{1}{2}$ | |
| | | MOHANIA | 14 | 43 $\frac{1}{2}$ | |
| | | RAINGARH 38,700 sq. yds. | 8 $\frac{1}{2}$ | 52 | A village; supplies on notice; good water from a well N-E of C-G, which is F. of village; country open and fairly cultivated; road unmetalled, but good; cross the Durgauti R. at 4 and a nullah at 6 m, both fordable except after heavy rain, when ferries ply. NOTE—There is also an extensive mts for a C-G. to W. of village with abundant good water. |
| | | PUNJIRANWAN 42,480 sq. yds | 10 $\frac{1}{2}$ | 62 $\frac{1}{2}$ | A small village on right bank of the Karamnasa R; supplies on notice; abundant good water from 3 wells in vicinity of C-G, which is S. of village; country and road as in last stage; at 3 m. cross the Durgauti R. fordable in dry weather, one boat to carry 15 men available in the rains; |
| | | CHAUSA 500 x 200 yds. p-o. r-s b | 14 | 76 $\frac{1}{2}$ | A small town on right bank of the Ganges, at its confluence with the Karamnasa; supplies plentiful; abundant good water from wells and the river; C-G. 200 yds. E. of village; country and road as above; cross the Garia soon after starting, by ford in dry weather, by ferry (1 boat carrying 25 men) in the rains |
| | | BUXAR | 6 $\frac{1}{2}$ | 82 $\frac{1}{2}$ | See Route 65 Country as above; road unmetalled and unbridged, except the last $\frac{1}{2}$ m |
| | | Total marches, 8 = 82 $\frac{1}{2}$ m. | | | |

Route No. 100.
FROM BENARES TO GHAZIPUR.
and SAYADPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--|---|----------|-------|---|
| Military. | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Benares, Benares. Collector of Ghazipur, Ghazipur. | CHAUBEPUK 810 x 300 yds. p-o. | 11 | 11 | A large village; supplies procurable; good water, for a bath, from a well close to C-G, which adjoins bazar; country level and cultivated; road metalled and bridged; cross the Barua stream at 2 m. |
| | | SAYADPUR p-o. | 11 | 22 | A small village on left bank of the Ganges; supplies plentiful; abundant good water from 4 wells on C-G, site for which is $\frac{1}{2}$ m. N. of village; country and road as above; cross the Gunti at 7 m, by bridge-of-boats in the dry season, by ferry carrying 15 men in the rains |
| | | NANDGANJ 203,040 sq yds. p-o. | 12 | 34 | A small village; supplies on notice; good water, for a bath, from 2 wells on C-G, which is 500 yds. W. of village; country and road as before; cross the Ganga stream at 6 m, and pass Duokali (p-o.) immediately afterwards. |
| | | GHAZIPUR | 11 | 45 | See Route 65. Country and road as above; pass Anlaspur at 8 $\frac{1}{2}$ and Maharragunj at 6 m. |
| | | Total marches, 4 = 45 m. | | | |

Route No. 101. FROM BENARES TO JAUNPUR.

65

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Benares, Jaunpur. | BABATPUR . 360 x 270 yds. p-o. t-s. r-s. | 10½ | 10½ | A small village; supplies procurable; plentiful water from wells; C-G. S. of road; country cultivated; road metalled and in good repair; pass Shisapur (r-s.) at 8½ and Hurkha at 6 m. |
| | | DARAGAON . 205 x 210 yds. | 11 | 21½ | |
| | | JAUNPUR . | 18½ | 35 | A small village; supplies abundant; plentiful good water from a well ½ m. N. of C-G., which is S. of village; water for animals from a tank; country and road as above; pass Kufwan at 8 m. See Route 92. Country and road as above, latter passes the civil stns. of Jhalgaon and Zafraabad at 2½ and 6½ m., respectively; the Sal stream (bridged) is crossed at 8½ m. |
| | | Total marches, 3 = 55 m. | | | |

Route No. 102. FROM BENARES TO MIRZAPUR. via THE GRAND TRUNK ROAD AND NARGHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Mirzapur, Benares. | RAJA-KA-TALAO . | 10 | 10 | See Route 260. |
| | | MAHARAJGANGJ (KATKA) NARGHAT . | 10 | 20 | |
| | | MIRZAPUR . | 14 | 40 | The Grand Trunk Road is left at Aurai (6 m.), from which point the road is still metalled and bridged to end of stage. See Route 34. |
| | | Total marches, 4 = 44 m. | 4 | 44 | |

Route No. 102(a). FROM BENARES TO MIRZAPUR. via KACHWA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Benares, Mirzapur. | RAJA-KA-TALAO . | 10 | 10 | NOTE.—As the road is unmetalled and the passage of the Ganges is difficult by this route, Route No. 102 is preferable though much longer. See Route 260. |
| | | KACHWA 23,500 sq. yds. p-o. | 10 | 20 | |
| | | MIRZAPUR . | 7 | 27 | A village; supplies on notice; abundant good water from a well on, and other wells close by C-G., which is ½ m. W. of village; country well cultivated; road unmetalled, but bridged; leaves the Grand Trunk Road at Raja-ka-Talao; pass Jamwa at 4, and Charya at 6½ m. See Route 34. Country as above; road at first unmetalled; pass Barwa at 1 and reach left bank of the Ganges at 1½ m.; width of river bed about 1 m., width of channel ½ m. in the dry season; there is a ferry of 16 boats which would transport 1,400 men; road in dry part of river bed is very bad, and the right bank is steep; Bhatnali is the landing place on right bank, and the road from that point is metalled, bridged and metalled. |
| | | Total marches, 3 = 27 m. | | | |

Route No. 102(b). FROM BENARES TO MIRZAPUR. via SULTANPUR AND CHUNAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Mirzapur, Mirzapur. | SULTANPUR p-o. b. | 12½ | 12½ | An old cantonment on left bank of the Ganges; supplies on notice; plentiful good water; arrangements made for encamping on notice to the civil authorities; country cultivated; road unmetalled but bridged; pass Kundwa at 5, Amra at 6, and Rudowdi at 11 m. |
| | | CHUNAR 37,510 sq. yds. p-o. t-s. r-s. | 4 | 10½ | |
| | | | | | An old cantonment with a fort and native town on right bank of the Ganges; supplies plentiful; good water from 2 wells, and from the river, on right bank of which and on W. of road, ½ m. before reaching town, is C-G.; country as above; road unmetalled, but raised and bridged; cross the Murya Nullah (not fordable in rains, one small ferry-boat obtainable, carrying 8 men) at 3, and the Ganges at 8½ m., by ferry, 14 boats, each carrying 60 men, and others on notice. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Mirzapur, Mirzapur. | PUNDRI | 10½ | 27½ | A small village; supplies plentiful; abundant good water from wells on and around C-G, which is on a plain beside police etc.; country fairly cultivated; road unmetalled and very heavy in wet weather; 14 nullahs to cross, latter quite impassable during the rains. |
| | | MIRZAPUR | 12½ | 89½ | |
| | | Total marches, 4 = 89½ m. | | | See Route 34. Country as above; road unbridged and unmetalled; cross the Bilwan stream on starting, pass Ghugharna at 4½, and cross the Khajura stream at 8 m., where the metalled road to Mirzapur is joined; both streams passable except after heavy rains. |

Route No. 103. FROM BIRHAMPORE TO ALATOLI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | DIGHA GHAT | 18 | 10 | NOTE.—This route is used in the dry weather when steamers to and from the N.W. cannot start from or reach Berhampore. A small village; supplies procurable; plentiful good water from the Gobra stream, on bank of which is extensive C-G; country well cultivated; good road, metalled and bridged, width from 20 to 40 ft., passable for all arms; the Gobra stream is crossed at Digha Ghat (ferry, two boats). |
| | | ALATOLI | 10 | 20 | |
| | | Total marches, 2 = 28 m. | | | A village on right bank of the Ganges; supplies and water plentiful; C-G. on extensive, open fields near the river; country as before; road as above as far as Bhugraungola (4 m.), remainder a fair, unmetalled, road; the Bhyrol B (fordable in the dry season) is crossed by a ferry (2 flat-bottomed boats) in the rains. |

Route No. 14. FROM BIRHAMPORE TO AUGERDIP.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | BARWA | 11 | 11 | NOTE.—This route is used in the dry weather when steamers from or to Calcutta cannot reach or start from Berhampore. A village; supplies on notice; plentiful water from a tank on W. side of road; C-G. on extensive open fields, 2 m. from the Bhagirati R.; country open and cultivated; road unmetalled, but raised and bridged. |
| | | PLASSEY | 18 | 24 | |
| | | AUGERDIP | 12 | 86 | A village on left bank of the Bhagirati R., famous for the battle fought by Oliva on 23rd June 1767; supplies on notice; plentiful good water from tanks and the river, on bank of which, in fields, is C-G; country and road as above. |
| | | Total marches, 3 = 80 m. | | | |

Route No. 105. FROM BIRHAMPORE TO BANKURA. via ILAMBAZAR AND SONAMUKHLI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | GAUKARN | 10 | 10 | A village; supplies on notice; plentiful good water from tanks; C-G. of unlimited extent in fields; country cultivated, but low-lying; road fair, unmetalled, 18 ft. wide; cross the Bhagirati R. on starting, by ferry, (and the Jibanta at 5 m. by an iron bridge). |
| | | JAMU KANDI | 8 | 18 | |
| | | SHULIHAT | 10 | 28 | A large village on the Kana or More stream; supplies on notice; plentiful good water; C-G. in fields; country and road as above; cross the Dwarika R. in 8rd m. by wooden bridge, passable for artillery; a similar bridge at 6 m. over nullah. |
| | | GONATIA | 8 | 80 | |
| | | PIPRATIKORE | 12 | 48 | A village; supplies on notice; plentiful water from tanks; spacious C-G. in open fields; country and road as above. |
| | | SURUL | 6 | 54 | |
| | | ILAMBAZAR 100 x 80 yds. p-o | 12 | 66 | A small village; supplies must be collected; water plentiful; C-G. in fields; country partially covered with jungle; road unmetalled; the More is crossed on leaving Gonatia and the Kua at Pipratikore, both fordable, except in rainy season, when a ferry plies at each. |
| | | | | | |

A large village; supplies procurable; plentiful water from tanks, etc.; C-G. in fields; country fairly cultivated; road, 18 ft. wide, unmetalled, but fit for all arms. Dolpur etc. is close to Surul.

A large town on right bank of the Adaji; supplies plentiful; good water from the river, near which is site for C-G.; country as above; road metalled and bridged, passable for all arms.

| DISTRICT. | CIVIL. | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| | | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bankura, Bankura. | PANAGAR 53,000 sq. yds. p-o. t-s. r-s. | 14 | 80 | A village; supplies on notice; plentiful good water from 2 tanks; C-G. in fields; country as before; road metalled up to the Adjai, thence unmetalled and indifferent; the Adjai is crossed in the 1st and the Kunur R. in the 3th m., both fordable, except in rains, when ferries ply. |
| | | SONAMUKHI 100 x 80 yds. p-o. t-s. b. | 11 | 91 | A large village; supplies on notice; abundant good water from tanks and from a well in b. compound, the latter being the C-G.; fields are also available for encampment; road 20 ft. wide, metalled; the Damoda R. is crossed at 3, and the Sali at 10 m., both fordable except in rains, when ferries ply. |
| | | DALIATOR 120 x 100 yds. p-o. b. | 13½ | 104½ | A small village; supplies on notice; abundant water from tanks near C-G., site for which is on right of road; country cultivated; road as in last stage. |
| | | BANKURA p-o. t-s. | 18½ | 118 | A small civil stn. on left bank of the Darkasur R.; supplies abundant; plentiful water from wells and streams; C-G. in fields; country and road as in last stage; pass Agaya at 6 and Rattanpur at 9½ m.; cross the Gaudesuri towards end of stage by a brick causeway, fordable in the dry season; in the rains there is a ferry 1 boat carrying 50 men. |
| | | Total marches, 11 = | | | |

118 m.

Route No. 106.
FROM BERHAMPORE TO BHAGALPUR.
via SUTI, TINPAHAR AND COLGONG.

| DISTRICT. | CIVIL. | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|---|-----------|--------|---|
| | | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | BOMUNIA (JIAGANJ.) | 14 | 14 | A large village; supplies easily procurable; plentiful good water from the Bhagirati R., ½ m. W. of C-G., spacious site for which is available in fields, or in mango groves 1½ m. N. of village; country cultivated; road metalled, width, 20 to 40 ft. |
| | | DEWAN SARAI 1,000 x 1,000 yds. | 10 | 24 | A large village; supplies easily procurable; plentiful good water from a large tank and from a well 300 yds. E. of C-G., which is in mango groves W. of and close to village; country as above; road raised, but not metalled or bridged, width 15 to 35 ft., practicable for all arms in dry weather; cross the Gobra stream at 8 m. |
| | | KHAMPA p-o. | 10 | 34 | A village; supplies on notice; abundant good water from a well, and from the old bed of the Ganges, latter ½ m. E. of extensive C-G., which is 1 m. S. of village; country and road as above. |
| | | JANGIPUR p-o. | 8 | 42 | A village; supplies on notice; plentiful good water from the Bhagirati R., on both banks of which is extensive space for C-G.; country and road as before. |
| | | SUTI | 11 | 53 | A town; supplies plentiful; abundant good water from the Bhagirati R., in groves and fields on bank of which is extensive C-G.; country as above; road, only a fair weather one, liable to submersion at high floods; cross the Bhagirati at end of stage, by ford in dry season, by ferry (3 boats, each carrying 36 men) in rains. Suti, situated on right bank of the Bhagirati R. near its confluence with the Ganges, is famous for a battle fought on the 2nd August 1763 between the British and the troops of Mir Kasim Ali, Nawab of Bengal, in which the former were victorious after a severe contest. |
| | Collector of Sonthal Parganas, Dinak. | SHANSHERGANJ (DHULIYAN.) p-o. | 9 | 62 | A village; supplies on notice; abundant good water from the Ganges, in fields on bank of which is extensive C-G.; country and road as in last stage. |
| | | FURRUKABAD | 11 | 73 | A small village; supplies on notice; good water from the Ganges, in fields on bank of which is extensive C-G.; country as above; road, 20 ft. wide, unmetalled, but fit for all arms in dry weather. |
| | | PHUDKIPUR 21,000 sq. yds. | 8 | 81 | A village; supplies from Rajmahal, 9 m. distant; indifferent water from the Ganges, on bank of which, and near village, is site for C-G.; country, above flood level, cultivated; road unmetalled and unbridged, 18 ft. wide, unsuitable for artillery; cross one stream en route by ford in dry weather. |
| | | TINPAHAR | 9 | 90 | A village; supplies on notice; good water from a well 220 yds. S. of C-G., site for which is 2 m. N-W. of village (in Brindaban village) near r-s.; country and road as in last stage, latter partly bridged. |
| | Collector of Bhagalpur, Bhagalpur. | BABIO | 11 | 101 | See Route 93. Country above flood level, open and uncultivated; road as above. |
| | | DOE 53,000 sq. yds. | 17 | 118 | A village; supplies must be collected; abundant good water from a tank and well near C-G., which is 200 yds. N-E. of village; country and road as above. |
| | | COLGONG 20,100 sq. yds. p-o. t-s. r-s. | 12 | 180 | A small town on right bank of the Ganges; supplies abundant; good water from wells and the river; site for C-G. 180 yds. N-E. of bazar; country low and subject to inundation; road 20 ft. wide, unmetalled, in bad order, but passable for all arms; ferry at Kunallah in rains, one boat, carrying 40 men, available. |
| | | GHOOGHA 14,410 sq. yds. p-o. t-s. r-s. | 8 | 188 | A small village; supplies procurable; good water from wells and the river; site for C-G. ½ m. N-E. of village; country and road as in last stage; two nullahs; ferries in rains (two boats at Shogar nullah, 1st m., one boat at Trimoni, 4th m.). |
| | | BHAGALPUR 22,476 sq. yds. p-o. t-s. r-s. b. | 18 | 161 | A small civil stn.; supplies plentiful; abundant good water from wells and hydrants; site for C-G. N. of town; country cultivated, low and subject to inundation; road 20 ft. wide, metalled, and suitable for all arms; one nullah in 2nd m.; ferry in rains, 27 boats available. |
| | | Total marches, 14 = | | | |

161 m.

FROM BERHAMPORE TO BHAGALPUR.

via SUTI, SAHEBGANJ AND COLGONG.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|-------|--|----------|--------|--|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | | Collector of Murshidabad, Berhampore. | | | See Route 106. |
| | | BOMUNJA (JIAGANJ) . . . | 14 | 14 | |
| | | DEWAN SERAI . . . | 10 | 24 | |
| | | KHANRA . . . | 10 | 34 | |
| | | JANGIPUR . . . | 8 | 42 | |
| | | SUTI . . . | 11 | 53 | |
| | | SHANSHERGANJ (DHULIYAN). . . | 9 | 62 | |
| | | FURRUKABAD . . . | 11 | 73 | A village on right bank of the Ganges R.; supplies plentiful; fair water from the river; site for C-G. E. of r.s.; country cultivated; road 18 ft. wide, unmetalled but suitable for all arms; cross one unbridged stream by ford. |
| | | PHUDKIPUR . . . | 8 | 81 | |
| | | RAJMAHAL . . . 180 x 100 yds. p-o t.s. r.s. b. | 9 | 90 | |
| | | GADAI . . . 8,500 sq. yds. | 13 | 103 | |
| | | SAHEBGANJ . . . | 11 | 114 | |
| | | PIRAPINTI (SEARMARI) . . . 140 x 70 yds. p-o t.s. r.s. | 15 | 129 | A village near Maharajpur r.s.; supplies on notice; good water from the Ganges; site for C-G. N. of, and close to village; country intersected by nullahs; road unmetalled, 20 ft. wide, numerous nullahs are crossed (bridges of wood, not strong enough to bear guns), fordable except in rains. |
| | | COLGONG . . . | 12 | 141 | |
| | | GHOGHA . . . | 8 | 149 | |
| | | BHAGALPUR . . . | 13 | 162 | See Route 93. Country and road as above. |
| | | Total marches, 15 = 162 m. | | | |

Route No. 107.

FROM BERHAMPORE TO BOALIA (RAMPUR-BAULEAH).

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|-------|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | | Collector of Murshidabad, Berhampore. | | | A small village; supplies on notice; good water from the Gobra Nadi, on bank of which is extensive C-G.; country cultivated; road metalled as far as Bansbaru (6 m.), thence unmetalled, 25 ft. wide, fit for all arms; 2 timber bridges over nullahs, crossed en route, will not bear guns; the Gobra Nadi, fordable in dry weather, is crossed by a ferry in the rains. |
| | | GOWRIBHAG GHAT . . . | 10 | 10 | |
| | | HARI RAMPUR GHAT . . . | 7 | 17 | |
| | | MURCHA GHAT . . . 100 x 100 yds. | 9 | 26 | A village; supplies on notice; good water from the Ganges; site for C-G. 1/2 m. W. of village; country and road as before; the Shealmari R. at Murcha is fordable in dry season, but the Padma at Murcha Ghat is unfordable and must be crossed by ferry (4 boats available). |
| | | BOALIA (RAMPUR-BAULEAH). . . (i) 880 x 100 yds. on river bank, 1/2 m. E. of village. (ii) 600 x 250 yds. on race course. p-o t.s. | 7 | 33 | |
| | | Total marches, 4 = 33 m. | | | A small civil stn.; supplies on notice; good water from the Ganges; during the dry season the ferry is at Murcha Ghat, and at Murcha (2 1/2 m.) in the rains; there are 4 m. of good metalled road to be traversed on left bank, on landing. As boats are easily procurable, it may be considered advisable to drop down the stream from Kodalkati Ghat to Boalia and thus save the 4 m. on the left bank. |

FROM BERHAMPORE TO DINAJPUR.
via GODAGARI, PARBATIPUR AND PRAMSAGAR.

| Civl. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| | | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Raj. Muralidhab, Bahli, Berhampore. | BOMUNIA (JIAGANJ). | 14 | 14 | See Route 106. |
| | | LALGOLA . . . | 18 | 27 | A large village; supplies plentiful; abundant good water from the Kolkoli stream, on bank of which is extensive C.G.; country level and cultivated; road raised, unmetalled, width 16 to 20 ft., in fair order; pass Dewan Sarai at 10½ m. |
| | | GODAGARI . . . | 6 | 33 | A large village; supplies on notice; good water from the Ganges, on the bank of which is extensive C.G.; country low-lying; road bad, not passable in wet weather; cross the Kolkoli, unbridged, fordable except when in flood, on starting. |
| | | DIGRAEN . . . | 6 | 39 | A small village; supplies on notice; water plentiful; spacious C.G. in fields near village; road as before. |
| | | NIZAMPUR . . . | 11 | 50 | A small village; supplies on notice; plentiful good water; C.G. to any extent in fields; country as above; road bad, liable to floods. |
| | | PARBATIPUR . . . | 18 | 68 | A small village; supplies on notice; water plentiful; spacious C.G. in fields; country low-lying and well cultivated; road unmetalled, very bad and almost impassable in wet weather. |
| | | TETULIA . . . | 11 | 74 | A village; supplies on notice; plentiful, but inferior water from a tank; small site for C.G. W. of road; country jungly; road unmetalled, but fair, bridged, passable for all arms. |
| | | NISCHINTAPUR . . . | 9 | 83 | A village; supplies on notice; inferior water, from tanks; site for C.G. W. of road; country and road as above. |
| | | LASHKARHAT . . . | 9 | 92 | A village; supplies on notice; good water from one well and from a tank (indifferent); small site for C.G. near village; road unmetalled and bad. |
| | | ATASS . . . | 18 | 103 | A village; supplies on notice; indifferent water from a tank, beside which is extensive C.G.; country cultivated; road as above; cross a nullah 1 m. N. of Lashkarhat, fordable, a ferry (1 boat) during the rains. |
| | | PRAMSAGAR . . . | 11 | 116 | A small village; supplies on notice; good water from the lake; C.G. W. of road; country as above; road fair in dry weather, unmetalled, width 20 ft., passable for all arms. |
| | | DINAJPUR . . . | 5 | 121 | A civil stn.; supplies procurable; abundant good water from wells; C.G. on plain W. of court-house; country as above; road fair, average width 40 ft., unmetalled, passable for all arms. |
| | | Total marches, 12 = 121 m. | | | |

Route No. 108(a).

FROM BERHAMPORE TO DINAJPUR.
via GODAGARI, PARBATIPUR AND GANGARAMPUR.

| Military. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| | | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Raj. Muralidhab, Bahli, Berhampore. | BOMUNIA (JIAGANJ). | 14 | 14 | See Route 106. |
| | | LALGOLA . . . | 18 | 27 | See Route 108. |
| | | GODAGARI . . . | 6 | 33 | |
| | | DIGRAEN . . . | 6 | 39 | |
| | | NIZAMPUR . . . | 11 | 50 | |
| | | PARBATIPUR . . . | 18 | 68 | |
| | | TETULIA . . . | 11 | 74 | |
| | | NISCHINTAPUR . . . | 9 | 83 | |
| | | KORDAHA . . . | 14 | 97 | A small village; supplies on notice; plentiful good water from the Purnabhata R., on bank of which is site for C.G.; road fair, unmetalled, bad in rains width 14 ft.; cross a stream at 4 m., fordable, except after heavy rains, one small boat available. |
| | | GANGARAMPUR . . . | 13 | 110 | A village; supplies on notice; good water from the Purnabhata, on bank of which is site for C.G.; road as above; the bridges over the nullahs will not bear guns. |
| | | SHEORATOLI . . . | 8½ | 118½ | A small village; supplies on notice; plentiful good water from the Purnabhata R., on bank of which is site for small C.G.; road as above, passes over 2 nullahs by timber bridges, which will bear field artillery. |
| | | DINAJPUR . . . | 9½ | 128 | See Route 106. Road fair, unmetalled, average width 15 ft., bridged, fit for all arms. |
| | | Total marches, 12 = 128 m. | | | |

Route No. 109.
FROM BERRHAMPORE TO FARIDPUR.
of KUSHTIA AND KUMARKHALI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|------------------|-------------------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | BALI GHAT . | 9 | 9 | A small village; supplies on notice; water from the Gobra stream, on bank of which is extensive C-G.; country low and subject to inundation; road metalled for the first $4\frac{1}{2}$ m., but raised, bridged, and suitable for all arms throughout; cross the Gobra (not fordable) at 8 m., by ferry, 2 boats, each carrying 50 men. |
| | | AZINGANJ . | 18 | 23 | A village; supplies on notice; good water from the Shealmari stream, on bank of which is extensive C-G.; country and road as in last stage; cross the Dhrrub at Koldanga (7 m.) by ferry; fordable in dry season; cross the Shealmari R. at Aringanj, fordable, except after heavy rain. |
| | | KARIMPUR . | 10 | 32 | A village on bank of the Jalangi R.; supplies on notice; good water from the river, on bank of which is extensive C-G.; country and road as above; the Jalangi R., temporarily bridged, is crossed at end of stage, by a ferry (2 boats, each carrying about 200 mds.) in the rains. |
| | Collector of Nadia, Krishnagar. | HARISHANKAR . | 12 | 44 | A village; supplies on notice; water plentiful; C-G. in fields; road unmetalled, but bridged; cross the Bhyrab stream at 3, and the Matabhanga R. at $7\frac{1}{2}$ m. (both fordable in dry season, ferries in rains). |
| | | DAMURHADA . | 11 $\frac{1}{2}$ | 55 $\frac{1}{2}$ | A village; supplies on notice; plentiful good water; extensive C-G. in fields, country cultivated; road as before, width 12 ft. |
| | | KUSHTIA . p-o. t-s. r-s. | 14 $\frac{1}{2}$ | 69 $\frac{1}{2}$ | A town; supplies procurable; plentiful good water; C-G., country and road as above. Tabna is 10 m. distant from Kushia. |
| | | KUMARKHALI 600 x 100 yds. p-o. r-s. b. | 10 $\frac{1}{2}$ | 80 $\frac{1}{2}$ | A town on bank of the Goral; supplies plentiful; abundant good water; C-G. on bank of the river, which is crossed by a ferry (1 boat carrying 25 men) at Kushia; country and road as above. |
| | | MADHUPUR . | 11 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | A village on left bank of the Chandana; supplies on notice; plentiful good water; C-G. near the river, subject to inundation during rains; road bad, unmetalled and unbridged. |
| | Collector of Burdwan, Faridpur. | BELGACHHI r-s. | 10 | 101 $\frac{1}{2}$ | A village; supplies on notice; good water from the Padma stream; paddy-fields available for C-G. in dry season; country inundated during the rains; road unbridged, in a very bad state of repair. |
| | | BITHILA . | 9 | 110 $\frac{1}{2}$ | A small village; no supplies; water abundant; extensive paddy-fields, when not flooded, are suitable for C-G.; country and road as in last stage. |
| | | NIMTALA 76,000 sq. yds. | 8 | 118 $\frac{1}{2}$ | A small village; no supplies; water plentiful; C-G. in paddy-fields when not flooded; country as above; road 10 to 20 ft. wide, unmetalled; cross 2 nullahs <i>en route</i> , the first strongly bridged, the second has a ferry, 1 boat carrying 50 men. |
| | | FARIDPUR . p-o. t-s. | 8 | 126 $\frac{1}{2}$ | A small civil stn. and old cantonment on right bank of the Ganges; supplies and good water plentiful; site for C-G. in fields, when not flooded, on bank of the river; country and road as above; nullahs fordable, except after floods. |
| | | Total marches, 12 = 120 $\frac{1}{2}$ m. | | | |

Route No. 110.
FROM BERRHAMPORE TO MALDA.
via BABUPUR AND SHIBGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|------------------|------------------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | BOMUNIA (JIAGANJ). | 14 | 14 | See Route 109. |
| | | DEWAN SARAI . | 10 | 24 | |
| | | KHAMRA . | 10 | 34 | |
| | Collector of Malda, Malda. | BABUPUR . 80,000 sq. yds. | 14 | 48 | A village; supplies on notice; water from the Ganges; C-G. in fields near village; country cultivated; road fair, but unmetalled, and liable to be inundated. |
| | | SHIBGANJ . 48,400 sq. yds. p-o. | 12 | 60 | A town on bank of the Ganges; supplies plentiful; good water from the river; C-G. in fields; country and road as in last stage; cross the Ganges after leaving Babupur, by ferry, 20 boats available, capacity 30 tons. |
| | | MUHUPUR (DALLA DIGHI) 80,680 sq. yds. | 12 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | A village; supplies on notice; fairly good water from a tank; C-G. in fields, country as above; road unmetalled, 20 ft. wide, fair. |
| | | MALDA 61,630 sq. yds. p-o. t-s. | 11 $\frac{1}{2}$ | 84 | A small civil stn.; supplies plentiful; abundant water from wells, etc.; site available for C.G. S. of Lachert; country fairly cultivated; road unmetalled, except the last $6\frac{1}{2}$ m. |
| | | Total marches, 7 = 84 m. | | | |

Route No. 110(a).
FROM BERHAMPORE TO MALDA.
via GODAGARI GHAT AND SHIBGANJ.

71

G. O. C. Presidency District, Fort William.

| ATTACHMENTS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------|--|-----------|--------------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| Colr. of Raybishi, Murshidabad, Hoala. Berhampore. | Collector of Malda, Malda. | BOMUNIA (JIAGANJ) . . . | 14 | 14 | See Route 106. |
| | | LALGOLA . . . | 13 | 27 | } See Route 106. |
| | | GODAGARI . . . | 6 | 33 | |
| | | NAWABGANJ 53,240 sq. yds. . . | 11 | 44 | A village; supplies on notice; water plentiful from the Mahanadi R.; open, high-lying land available for C-G; country jungly; road 20 ft. wide, unmetalled, liable to be flooded in parts; one temporary wooden bridge over a nullah, not passable by field artillery. |
| | | SHIBGANJ . . . | 10 | 54 | |
| | | MUHUPUR (BALIA DIGHI). MALDA . . . | 12½ | 66½ | Country and road as in last stage; the bridges over nullahs will not bear guns; at Nawabganj the Mahanadi R. is crossed by steam-ferry; country boats are also procurable. See Route 110. |
| | | | 11½ | 78 | |
| | | | | Total marches, 7 = 78 m. | |

Route No. 111.
FROM BERHAMPORE TO MIDNAPORE.
via JAMU KANDI, SONAMUKHI AND BISHNUPUR.

| ATTACHMENTS. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Murshidabad, Berhampore. | GAUKARN . . . | 10 | 10 | } See Route 106. |
| | | JAMU KANDI . . . | 8 | 18 | |
| | | SHULIHAT . . . | 10 | 28 | |
| | Colr. of Bardham, Birbham, Sonoe. | GONATIA . . . | 8 | 36 | |
| | | PIPRATIKORE . . . | 12 | 48 | |
| | | SURUL . . . | 6 | 54 | |
| | Colr. of Bardham, Birbham. | ILAMBAZAR . . . | 12 | 66 | Country partly covered with jungle; road metalled; cross the Jasada Khal at 14 and the Darkasur R. at 15 m. (both fordable in dry season, ferries in rains) the Berai stream is forded at 18th m., no ferry. |
| | | PANAGAR . . . | 14 | 80 | |
| | | SONAMUKHI . . . | 11 | 91 | |
| | | BISHNUPUR . . . | 17½ | 108½ | |
| | Colr. of Bardham, Birbham, Manikia. | BANKAHADA . . . | 8½ | 117 | } See Route 82. |
| | | GARHBETA . . . | 7½ | 124½ | |
| | | SALBANI . . . | 17 | 141½ | |
| | | MIDNAPORE . . . | 15 | 156½ | |
| | | Total marches, 14 = 168½ m. | | | |

Route No. 112.
FROM BERHAMPORE TO SOOREE.
via JAMU KANDI AND SAINTHIA.

| ATTACHMENTS. | | Names of stages and sites of encamping grounds. | DISTANCES. | | REMARKS. |
|----------------------------|---------------------------------------|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| J. District, Fort William. | Collector of Murshidabad, Berhampore. | GAUKARN . . . | 10 | 10 | } See Route 105. |
| | | JAMU KANDI . . . | 8 | 18 | |
| | | BELGAON . . . | 12 | 30 | |
| | | | | | A village; supplies on notice; good water from tanks; extensive C-G. 400 yds. N-W. of village; country well cultivated, but low and subject to inundation; road 20 ft. wide, unmetalled, bridges not suitable for guns; cross the More R. on leaving Jamu Kandi, fordable in dry season, at other times by ferry at Ghuntia Ghat; pass Nowagram at $4\frac{1}{2}$ and Andi at 8 m. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|----------------------------------|--|-----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Presr, Presidcy District, Fort William. | Collector of Burdham, Secora. | SAINTHIA 200,000 sq. yds. p-o. t-s. r-s. | 13½ | 48½ | A village; supplies on notice; good water from the More R.; C-G. T. of r-s. country high and uncultivated; road unmetalled and heavy near the More, which is crossed at Alalpur (11 m.); the river can also be crossed by the ry. bridge. |
| | | SOOREE 200,000 sq. yds. p-o. t-s. b. | 10 | 58½ | A small civil stn.; supplies on notice; fair water from tanks and well in police lines; C-G. S. of town on uncultivated land between the Kalwa and Hanganj roads; country as before; road metalled and bridged, width 20 ft.; pass Kaur at 6, and Kukardih at 8 m. |
| | | Total marches, 5 = 68½ m. | | | |

Route No. 113. FROM BHAGALPUR TO GAYA.

via DEOGARH AND NAWADAH.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|-------|---|
| Military | Civil | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | AMARPUR . 41,180 sq. yds. p-o. | 16 | 16 | A village; supplies on notice; good water from wells near C-G., which is in a mango grove E. of village; country open and cultivated; road unmetalled, 18 ft. wide; the timber bridges over nullahs will not bear guns; cross the Chandan R. en route, fordable except when in flood. |
| | | BANKA . 89,620 sq. yds. p-o | 11 | 27 | A large village; supplies available; good water for a batin, from 2 wells in village, in fields ½ m. S. of which is C-G.; country, road, and bridges as above. |
| | | JAMDHIA . p-o | 10 | 37 | A small village on left bank of the Chandan R.; supplies on notice; abundant good water from a well and from the river; site for C-G. 150 yds. S. of village; country hilly; road unmetalled, 16 ft. wide, semi-permanent bridges not suitable for guns; the Chandan R. is fordable, except after heavy rain; no ferry. |
| | | JEYPUR . 90,000 sq. yds. p-o. | 13 | 60 | A village; supplies on notice; fair water from a stream in the neighbourhood, or from a tank 60 yds. E. of C-G., which is S. of village; country and road as in last stage; cross several small nullahs, all fordable with ease in dry season, but difficult in rains. |
| | Dr. Commr., South Fargana, Dumka. | DEOGARH . 185 × 95 yds. p-o t-s. | 12 | 62 | A municipal town; supplies plentiful; good water from wells and the Singrauli tank; site for C-G. on the N. side of Dumka road; country stony; road 24 ft. wide, metalled for 6 m., fit for all arms. |
| | | PUNASI . 300 × 200 yds. | 10 | 72 | A village; supplies procurable; good water from tanks during the rainy season, at other times, water must be got by digging in the bed of the Adjai R. about ½ m. distant; C-G. close to village; country, road, and bridges as in last stage; cross the Dharwa R. in the 2nd, and the Adjai in the 10th m.; both unfordable for 24 hrs. after heavy rain. |
| | | CHAKAI . p-o. | 10 | 82 | A large village; supplies on notice; good water from wells in vicinity of C-G., small site for which is in a mango grove ½ m. N. of village; country undulating and under cultivation; road unmetalled, 16 ft. wide. |
| | Dr. Commr. of Hazaribagh, Hazaribagh. | OHUTRO . p-o. | 11 | 93 | A small village; supplies on notice; good water from a reservoir about 200 yds. N. of small C-G., small site for latter available E. of village and S. of road; country jungle with some cultivation; road unmetalled, 16 ft. wide, unsuitable for artillery; cross the Adjai R. at 4 m. by ford. |
| | | KHERODIH (KHEJUI). | 11½ | 104½ | A small village; supplies on notice; good water from wells; land available for C-G. about ½ m. E. of village; country open and cultivated; road as above; p-o. is 3 m. distant. |
| | | GUMGI . p-o. | 13½ | 118 | A small village; supplies on notice; good water from the Sakri R.; land available for C-G. ½ m. E. of village; country and road as in last stage. |
| | Dr. Commr. of Gaya, Gaya. | MUNJNEH . p-o. | 10½ | 128½ | A village on right bank of the Sakri R.; supplies on notice; good water from the river; land for C-G. available S-E. of village; country hilly and jungle; road as above, cross the Sakri R. on starting, fordable except in rains. |
| | | GOBINDPUR . p-o. | 10½ | 139½ | A village; supplies on notice; good water from a well 25 yds. N-E. of C-G., site for which is in a small mango grove 800 yds. S-W. of police stn.; country as above; road fair, but unbridged and unmetalled; cross the Sakri R. soon after starting by ford except after heavy rain, when 1 boat carrying 10 men is available. |
| | | NAWADAH . p-o. r-o. b. | 13½ | 152½ | A town; supplies procurable; abundant good water from a well on C-G., a small mango grove N. of and adjoining village being available for latter; country level, open and cultivated; road fair, unmetalled bit within 3 m. of Nawadah, when it joins the metalled road from Raygoh to Nawadah; cross the Khori R. at 8½ m., fordable, except after heavy rain, when 1 boat carrying 10 men is available. |
| | Collector of Gaya, Gaya. | HASWA . p-o. | 0 | 161½ | A large village; supplies on notice; good water from wells; a mango tree, 150 yds. N-W. of the village, available for C-G.; country level and cultivated; road raised, metalled and bridged; cross the Khori on starting, and the Dhanraj at 5 m. |
| | | WAZIRGANJ . p-o. | 12 | 173½ | A large village; supplies procurable; good water from a well; two mango groves, one S-E. of village and the other near Mirganj village, available for C-G.; country and road as above; cross the Doryn at 1½ and the Tangi at 8 m. |
| | | BODHGERA . p-o. | 11 | 184½ | A small village; supplies on notice; good water from 2 wells close to C-G., site for which is in a small grove ½ m. N-W. of village; country and road as above; cross the Penwar R. at 8½, and the Gokhani R. at 6½ m. |
| | | GAYA . p-o. | 7 | 191½ | See Route 54. Country and road as above; cross the Bansi at 1½ m. and the Phulga R. just before reaching Gaya. |
| | | Total marches, 17 = 191½ m. | | | |

Route No. 114.
FROM BHAGALPUR TO HAZARIBAGH.
via DEOGARH, KHARAGDIHA, AND BARHI.

73

| NOTES. | | DISTANCE. | | REMARKS. |
|--|--|-----------|---------|---|
| Crit. | Names of stages and size of encamping grounds. | Miles. | Total. | |
| Colt. of Bhagalpur, Bhagalpur. | AMARPUR . . . | 16 | 16 | <p>NOTE.—This road, taking the alternative route from Dhanwar to Jainagar, is in a much better condition than that of Route 114 (a); it is also shorter.</p> |
| | BANKA . . . | 11 | 27 | |
| | JAMDIHA . . . | 10 | 37 | |
| | JEYPUR . . . | 13 | 50 | |
| | DEOGARH . . . | 12 | 62 | |
| Colt. of Dyr. Comant, Monghyr, South Patna, Danka. | PUNASI . . . | 10 | 72 | <p>See Route 113.</p> |
| | CHAKAI . . . | 10 | 82 | |
| | CHUTRO . . . | 11 | 93 | |
| | KHARAGDIHA 6,000 sq. yds. p-o. b. | 6½ | 99½ | |
| | DHANWAR . . . 7,200 sq. yds. p-o. | 16 | 115½ | |
| Collector of Hazaribagh, Hazaribagh. | KHESMI . . . | 14 | 129½ | <p>A large village; supplies on notice; good water from wells and tanks; site for C-G. E. of village; country jungly at first, then open; road 20 ft. wide, unmetalled, in bad order, and unfit for artillery; cross the Usara (always fordable) at end of stage.</p> <p>A large village; supplies on notice; plentiful good water from wells and from a stream near C-G., site for latter available E. of village and N. of road; country under rice cultivation; road an unmetalled track, unfit for wheeled traffic.</p> <p>A small village; supplies must be collected; abundant good water from a stream E. of C-G., small site for which is available W. of village; country and road as in last stage.</p> <p>A village; supplies on notice; abundant good water from wells near C-G., small site for which is available ½ m. S.W. of village; country and road as above.</p> <p>NOTE.—There is an alternative and preferable route from Dhanwar <i>via</i> Markocho to Jainagar (26 m.).</p> <p>Markocho (13 m.). A large village; supplies procurable; plentiful good water; site available for C-G. E. of village; country under rice cultivation; road 14 ft. wide, unmetalled but suitable for all arms.</p> <p>Jainagar (13 m.). Country and road as above.</p> <p>See Route 266.</p> <p>Country jungly; road 20 ft. wide, metalled and bridged, fit for all arms; cross 4 streams, substantially bridged.</p> <p>A small village; supplies on notice; plentiful good water from a well in b. compound, and from a stream; site available for small C-G. E. of b.; country jungly and hilly; road as in last stage.</p> <p>A civil stn. and old cantonment; supplies abundant; plentiful good water from wells close to C-G., small site for which is on the old parade ground; country and road as above; pass Sijua at 6½ m.; at 8 m. a road branches off E. to Ichnak, an important place, distant 2 m.</p> |
| | JAINAGAR . . . p-o. b. | 11 | 143½ | |
| | BARHI . . . | 16 | 160½ | |
| | SURAJ PURA . . . b. | 8½ | 167½ | |
| | HAZARIBAGH p-o. b. s. b. | 14 | 181½ | |
| Total marches, 16= | | | 181½ m. | |

Route No. 114 (a).
FROM BHAGALPUR TO HAZARIBAGH.
via DEOGARH, KHARAGDIHA, GIRIDIH, AND BAGODAR.

| NOTES. | | DISTANCE. | | REMARKS. |
|--|--|-----------|--------|-----------------------|
| Crit. | Names of stages and size of encamping grounds. | Miles. | Total. | |
| Colt. of Bhagalpur, Bhagalpur. | AMARPUR . . . | 16 | 16 | <p>See Route 113.</p> |
| | BANKA . . . | 11 | 27 | |
| | JAMDIHA . . . | 10 | 37 | |
| | JEYPUR . . . | 13 | 50 | |
| | DEOGARH . . . | 12 | 62 | |
| Colt. of Dyr. Comant, Monghyr, South Patna, Danka. | PUNASI . . . | 10 | 72 | |
| | CHAKAI . . . | 10 | 82 | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------|--|-----------|--------|--|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. Deputy Commissioner of Hazaribagh, Hazaribagh. | | GHUTRO . . . | 11 | 98 | See Route 113. |
| | | KHARAGDIHA . . . | 6½ | 90½ | See Route 114. |
| | | CHAKGARHA . . . | 12 | 111½ | A village; supplies on notice; good water from a well 400 yds. N. of C-G.; site for which is available about ½ m. S. of village; country and road as before. |
| | | GIRIDIH . . . p-o. t.s. r.s. b. | 14 | 125½ | A town; supplies procurable; good water from wells and tanks on C-G, small site for which is available 300 yds. from the kachori building; country and road as above; pass Paharpur at 10½ m. Karharbari coal mines are 2 m. S. |
| | | PIRTAND . . . 7,800 sq. yds. p-o. b. | 14½ | 180½ | A small village; supplies on notice; water scarce and bad in dry season; land available for C-G, 100 yds. W. of b.; country hilly and jungly; road metalled, bridged, 20 ft. wide, difficult for wheeled traffic, except in dry season, on account of foundations; cross the Barskar R. at 8 m., by ford in dry season, by ferry (2 boats, each carrying 10 men) in the rains. |
| | | DUMRI . . . | 12½ | 162 | Country and road as in last stage; pass Dhawastand at 5½ m. See Route 286. |
| | | BAGODAR . . . | 11½ | 168½ | |
| | | BHELWARA . . . | 9½ | 178½ | A village; supplies on notice; limited supply of good water from a well S. of C-G, small site for which is available N. of road, and about ½ m. from village; country hilly and jungly with occasional clearings; road as in last stage. |
| | | HUELI . . . 10,000 sq. yds. | 11 | 184½ | A large village; supplies on notice; abundant good water from a tank close to C-G., site for which is about ½ m. from village; country and road as in last stage. |
| | | HAZARIBAGH . . . | 11½ | 195½ | See Route 114. Country and road as above. |
| | | Total marches, 17 = 195½ m. | | | |

Route No. 115.
FROM BHAGALPUR TO JANGIPUR.
via COLGONG, MAHESHPUR, AND MURARAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. Collector of Murahidabad, Benham-pur. Collector of Birbhum, Bageswar, Hazaribagh. Deputy Commissioner, Southal Pargana, Danah. Collector of Murahidabad, Benham-pur. | | GHOOGHA . . . | 18 | 13 | See Route 106. |
| | | COLGONG . . . | 8 | 21 | |
| | | DOE . . . | 12 | 33 | For other remarks see Route 106. |
| | | BARTO . . . | 17 | 50 | |
| | | NOWGAON . . . | 7 | 57 | See Route 98. |
| | | BARHAIT . . . | 7 | 64 | |
| | | KUCHPARA . . . 40,000 sq. yds. | 7 | 71 | A village; supplies must be got from Barharwa, 5 m. distant; good water from the Gomani R., on bank of which, and 170 yds. W. of village, is C-G.; country and road as above. |
| | | HIRANPUR . . . 450 x 150 yds. p-o. | 9 | 80 | A village; supplies on notice; abundant good water from a well and tank near C-G, which is N. of village; country hilly; road as above; crosses 5 unbridged streams (fordable) en route. |
| | | MAHESHPUR . . . 7,000 sq. yds. p-o. | 16 | 96 | A large village; supplies abundant; good water from a tank close to C-G., which is on open ground 1 m. N. of village; country open; road 18 ft. wide, unmetalled, but fit for all arms in dry weather. |
| | | MURARAI . . . p-o. t.s. r.s. | 7 | 103 | A village; supplies available; good water from tanks 600 yds. S.-E. of extensive C-G., which is on open ground 1 m. N. of village; country open; road 18 ft. wide, unmetalled, but fit for all arms in dry weather. |
| | | JANGIPUR . . . | 15 | 118 | See Route 106. Country open and cultivated; road 20 ft. wide, unmetalled, but good, bridged, and passable for all arms; the Kharakhari stream, close to Jangipur is crossed by ferry from June to October. |
| | | Total marches, 11 = 118 m. | | | |

Route No. 116.
FROM BHAGALPUR TO MALDA.
via COLGONG, RAJMAHAL, AND NOWGURIA.

75

| | | DISTANCE. | | REMARKS. |
|--|--|-----------|--------|---|
| Civil. | Names of stations and also of encamping grounds. | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. Colt. of Bhagalpur, Bhagalpur, Collector, Malda. Collector, Bhatia, Farid, Malda. | GHOGHA . . . | 13 | 13 | } See Route 106. |
| | COLGONG . . . | 8 | 21 | |
| | PIRPAINTI (SEARMARI) . . . | 12 | 33 | } For other remarks see Route 93. See Route 106 (a). |
| | SAHEEGANJ . . . | 15 | 48 | |
| | GADAI . . . | 11 | 59 | |
| | RAJMAHAL . . . | 13 | 72 | |
| | NOWGURIA 16,000 sq. yds. | 12 | 84 | } A village; supplies available; good water from the Kalindri R.; site for C.G. in fields W. of village; country cultivated; road 20 ft. wide, unmetalled, but bridged and suitable for all arms. |
| | MALDA . . . | 11 | 95 | |
| Total marches, 6= | | | | } See Route 110. Country level, cultivated, subject to inundation near the river; road as in last stage the Maha Nadi is crossed by ferry at end of the march. |
| 96 m. | | | | |

Route No. 117.
FROM BHAGALPUR TO MONGHYR.

| ATTACHMENT. | | Names of stations and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Day. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. Collector of Monghyr, Monghyr. | AFZULGANJ 17,500 sq. yds. | 12 | 12 | A small village; supplies on notice; plentiful good water from wells; small C.G. in a mango grove between village and the Kelgama stream; country open and cultivated, but subject to inundation; road metalled for first 1½ m., 16 to 30 ft. wide, fit for all arms; the Gumna stream is crossed at 4 m. by ferry (2 boats). A r.s. and p-o. at Sullanganj, distant 1½ m. |
| | | MAHADEWA 150 x 100 yds. | 12 | 24 | A village; supplies on notice; good water from wells; site for C.G. S.E. of village; country level and cultivated; road 24 ft. wide, metalled and bridged, fit for all arms. A r.s. and p-o. at Baria, distant 1 m. |
| | | MONGHYR 26,000 sq. yds. p-o. t.s. r.s. | 11 | 35 | A civil stn. and old cantonment; supplies plentiful; good water from wells and the Ganges; site for C.G. at Sata Sarai, 2 m. S. of town; country jungly in places; road as above. |
| | | Total marches, 3 = 85 m. | | | |

Route No. 118.
FROM BHAGALPUR TO PURNEA.
via COLGONG AND KARAGOLA GHAT.

| ATTACHMENT. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|---|-----------|--------|---|
| Day. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. Collector of Bhagalpur, Bhagalpur. Collector of Purnea, Purnea. | | GHOGHA . . . | 13 | 13 | } See Route 106. |
| | | COLGONG . . . | 8 | 21 | |
| | | PIRPAINTI (SEARMARI) | 12 | 33 | } See Route 106(a). |
| | | KARAGOLA . . . 155 x 120 yds. p-o. | 6½ | 39½ | |
| | | LAKHIMPUR . . . 200 x 100 yds. | 9½ | 49½ | } A small village; supplies on notice; good water from a small well ½ m. from road, and from wells which can be dug on notice; C-G. W. of road; country and road as in last stage. |
| | | CHITORIAPIR . . . 360 x 210 yds. | 9 | 58½ | |
| | | PURNEA . . . 270 x 220 yds. p-o. t-s. r-s. b. | 9 | 67½ | } A civil stn.; supplies on notice; plentiful good water from 8 wells near C-G., which is on parade ground W. of b.; country and road as before; cross the Kara Kosi en route, by an iron bridge. |
| | | Total marches, 7= | | | |
| | | | 67½ m. | | |

Route No. 118(a).
FROM BHAGALPUR TO PURNEA.
via PARBATTIA AND SOWRA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bhagalpur, Bhagalpur. Colr. of Farnia, Farnia. | PARBATTIA . 11,100 sq. yds. | 11 | 11 | A village; supplies on notice; water plentiful, site for C.G. 100 yds. N.W. of village; country low and cultivated; road metalled for the first 6 m., thence unmetalled, passable for artillery from January to April; cross the Ganges at Darari Ghat, 5 m., by ferry, 4 boats, other boats on notice. |
| | | SOWRA GHAT . 22,220 sq. yds. | 9 | 20 | A village; supplies scarce; fair water from the Kosi R.; site for C.G. 180 yds. E. of village; country as before; road 18 ft. wide, unmetalled, but passable for all arms, except in the rains, cross the Kaibulia R. at 4 m., by ferry of 4 boats, each carrying 100 mds. |
| | | PUTHIA . 10,000 sq. yds. | 9 | 29 | A village; supplies on notice; good water from the Kosi R., on bank of which is site for C.G.; country and road as before; cross the Kosi on starting, by ferry. |
| | | MURSUNDA . 10,000 sq. yds. | 9 | 38 | A village; supplies on notice; good water from the Brundi R., near the ferry over which is site for C.G.; country and road as above; cross the Brundi R. en route, fordable in dry season, ferry in rains. |
| | | PURNEA . | 12 | 50 | See Route 118. Country and road as before, latter not suitable for wheeled traffic; cross the old Kosi R. at 10 m., fordable in dry weather, ferry in rains. |
| | | Total marches, 5=60 m. | | | |

Route No. 119.
FROM BHAGALPUR TO BANIGANJ.
via DEOGARH AND JAMTARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bhagalpur, Bhagalpur. | AMARPUR . | 10 | 10 | See Route 118. |
| | | DANKA . | 11 | 21 | |
| | | JAMDHA . | 10 | 31 | |
| | | JEPUR . | 18 | 49 | |
| | | DEOGARH . | 12 | 61 | |
| | Dr. Commissioner, Sonhal Parganas, Dumka. | BAHERON . 170 x 135 yds. | 12 | 73 | A small village; supplies on notice; abundant good water from a well near, and from tanks ½ m. from C.G., site for which is W. of village; country cultivated; road 18 ft. wide, unmetalled and unbridged, but fit for all arms; nullahs fordable. |
| | | PATHROL . 106 x 120 yds. p.o. | 8 | 81 | A small village; supplies on notice; good water from 3 wells ½ m. from C.G., site for which is E. of village; country, road, and nullahs as in last stage. |
| | | KAROUN . 1,200 x 800 yds. | 10 | 91 | A large village; supplies on notice; abundant good water from two tanks in vicinity of C.G., which is E. of village; country, road, and nullahs as above. |
| | Colr. of Bardwan, Bardwan. | JAMTARA . 7,200 sq. yds. p.o. r.s. | 14 | 105 | A large village; abundant good water from a well in hospital compound, and from a tank near r.s., E. of which is site for C.G.; country, road, and nullahs as before. |
| | | MIHJAM . p.o. r.s. | 8 | 113 | A village; supplies on notice; good water, for a bath, from a well in r.s. compound, E. of which is extensive C.G.; country and road as above. |
| | | DOMOHANI . 60,000 sq. yds. | 12 | 125 | A village; supplies on notice; abundant good water from a tank; C.G. in fields round village; country open and cultivated; road unmetalled, but fit for all arms. |
| | | BANIGANJ . | 12 | 137 | See Route 81. Country and road as above, but last 8 miles of latter metalled. |
| | | Total marches, 12=137 m. | | | |

Route No. 120.
FROM BHAGALPUR TO SOOREE.
via DANSI AND DUMKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | PURANI . 0,480 sq. yds. p.o. | 8½ | 8½ | A village; supplies on notice; limited supply of fair water from a well 300 yds. S.W. of C.G., site for which is 80 yds. E. of bazar; country well cultivated; road metalled and bridged, fit for all arms. |
| | | BANGAON . 60,000 sq. yds. b. | 12 | 20½ | A very small village; supplies must be collected; good water from a well in b. compound, and from a stream 400 yds. S. of C.G., which is 100 yds. E. of village; country and road as in last stage. |
| | | BOUSI . | 12 | 32½ | A village; supplies on notice; abundant good water from wells; small site for C.G. 120 yds. S.W. of village; country rather hilly; road as above. |
| | | JAMDHA . | 8 | 40½ | Country and road as above; cross the Chandun R., unbridged, near Jamdha, fordable except in the rains, no ferry. |
| | | JEPUR . | 13 | 53½ | See Route 113. |

| AUTHORITY. | Civl. | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------|--|-----------|--------|---|
| | | | Miles. | Total. | |
| O. O. C. Presidency District, Fort William. Collector of Southern Mergans, Dundee. | | HASDIHA . . . | 9 | 62½ | See Route 73. Country as before; road metalled and bridged, fit for all arms. |
| | | NANIHAT . . . p-o. | 8½ | 71 | A large village; supplies plentiful; abundant good water from wells on small C-G., and from a stream; country and road as in last stage; crosses three streams, all fordable. |
| | | PIPIRA . . . | 8½ | 79½ | A small village; supplies scarce; good water from the river ½ m. S. of small site for C-G., which is E. of road; country and road as above; two nullahs are weakly bridged, guns would have to cross these by ford. |
| | | DUMKA . . . | 8½ | 88 | See Route 74. Country and road as above; crosses the Bhurhri R., fordable except for 3 hrs. after heavy rain, at 2½ m. |
| | | RANIBAHAL . . . | 13 | 101 | A small village; supplies on notice; abundant good water from a tank on C-G., small site for which is 200 yds. E. of road; country and road as above. |
| | | KENDULI . . . 20,000 sq. yds. | 10½ | 111½ | A village; supplies from Sooree; good water from the More R. ½ m. N-E. of C-G., latter in fields ½ m. N. of village; country and road as before; crosses the More at 10 m., fordable, except in rains, when there is a ferry of one boat carrying 20 men. |
| | | SOOREE . . . | 7½ | 119 | See Route 112. Country and road as in last stage. |
| | | Total marches, 12 = 119 m. | | | |

Route No. 121.
FROM BIJNOR TO SRINAGAR, in Garhwal.
via NAJIBABAD.

| AUTHORITY. | Civl. | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------|---|-----------|--------|--|
| | | | Miles. | Total. | |
| G. O. C. Dehra Dun District, Dehra Dun. Collector of Dehra Dun, Dehra Dun. | | KIRATPUR . . . 800 x 220 yds. p-o. | 10 | 10 | A small town; supplies on notice; plentiful good water from a well 200 yds. S-W. of C-G., which is in a grove E. of town; country cultivated; road unmetalled, but raised, bridged, and practicable for all arms, sandy in vicinity of Sabheri. |
| | | NAJIBABAD . . . 25,500 sq. yds. p-o. t-s. r-s. b. | 12 | 22 | A small town on left bank of the Malin R.; supplies on notice; abundant good water from wells in vicinity of C-G., site for which is in a grove 1 m. N-E. of town; country and road as above. |
| | | KOTEDWAR . . . 14,520 sq. yds. p-o. t-s. b. | 16 | 38 | A village; supplies on notice; good water from the Koh stream, 50 yds. N. of site of C-G., latter being N. of road; country flat; road 15 ft. wide, unmetalled, but practicable for all arms; two streams are crossed en route, one fordable, the other bridged. |
| | | DOGADDA . . . 350 x 125 yds. p-o. | 8½ | 46½ | A village; supplies on notice; plentiful good water; C-G. W. of road; country hilly; road 8 to 12 ft. wide, ruling gradient 1 in 12, fit for mule transport. |
| | | BADOMANDI . . . b. | 5½ | 51½ | A small village; supplies on notice; abundant good water obtainable near C-G., small site for which is W. of b.; country and road as above. |
| | | BILKHET . . . b. | 13 | 64½ | A small village; supplies on notice; good water from the Nayar R.; small site for C-G. N. of suspension bridge; country mountainous; road as in last stage, ascends for 6 m. and descends from Dwaikhel to Bilkhel, gradient, in both cases, about 1 in 6. |
| | | ADWANI . . . b. | 9½ | 74½ | A small village; supplies on notice; a limited supply of good water from a stream near small C-G., which is N-E. of b.; country and road as before, latter rises the whole way. |
| | | PAURI . . . | 8½ | 83½ | Country and road as before, latter nearly level with exception of a steep descent in last mile. |
| | | SRINAGAR . . . | 8 | 91½ | See Route 40. |
| | | Total marches, 9 = 91½ m. | | | |

Route No. 122.
FROM BIKANER TO BAHAWALPUR.
via MOJGARH.

| AUTHORITY. | Civl. | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------|--|-----------|--------|---|
| | | | Miles. | Total. | |
| Bahawalpur Territory. Political Agent at Bahawalpur. | | From BIKANER to SISARAH, marches. | ... | ... | Up to Sisarah, see Bombay Route Book No. 197. |
| | | BHAIWALA TOBA . . . | 9 | 9 | A small village; no supplies; forage scarce; limited supply of brackish water from one well; in rainy season 8 tanks; no road, only a camel track through sand hills. |
| | | MOJGARH . . . | 14 | 23 | A town with a fort; supplies on notice; fair water from wells and (in rains) from a tank; country and road as above. |
| | | POWARWALA . . . | 32 | 55 | A deserted village; no supplies; forage and water scarce, latter (brackish) from 4 wells and (in rains) from a tank; country and road as above. |
| | | BAHAWALPUR . . . p-o. t-s. r-s. b. Total stages, in Bahawalpur, 4 = 69½ m. | 14½ | 69½ | A town; supplies and good water abundant; extensive site for C-G. near town; country and road as above. For roads from Bahawalpur to Jacobabad and Nasirabad, see Bombay Route Book Nos. 211 and 244, respectively. |

FROM BOALIA (RAMPUR-BAULBAH) TO DINAJPUR

via MANDA AND MOHADEBPUR

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|----------------------------------|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Rajshahi, Boalia | DEWARI 800 × 80 yds. | 10 | 10 | A small village on bank of the Dewari khal; supplies on notice; water from the khal bad, and good water (limited in dry season) from a small spring W. of and close to village, near which is site for C.G.; country level, open and cultivated; road 20 ft. wide, unmetalled, but in dry weather fit for all arms, pass Bys about half-way and cross the khal by a temporary bamboo bridge or ford in dry weather, by ferry (1 small boat) in the rains. |
| | | TANOR 100 × 100 yds. 300 × 200 yds p-o b. | 10 | 20 | A large village and police stn.; supplies on notice; abundant good water from numerous tanks within ½ m. of village, ½ m. N. or S. of which are suitable sites for C.G.; country and road as above; nullahs and streams fordable, except after heavy rain. |
| | | MALSURA 440 × 200 yds p-o. | 8 | 28 | A village on the Sibnadi stream; supplies on notice; good water from the stream, in open fields on bank of which is C.G.; country and road as above; nullahs strongly bridged; cross the Sibnadi, by ford in dry season, by ferry (1 small boat) in the rains. |
| | | MANDA 500 × 200 yds. p-o | 11 | 39 | A village and police stn. on the Atrai R.; supplies on notice; good water from the river, near bank of which and N. of village is C.G.; country, road, and nullahs as in last stage. |
| | | MOHADEBPUR 500 × 280 yds. p-o | 10 | 49 | A village; supplies on notice; good water from the Atrai R. on left bank of which, and opposite thana, is C.G.; country and road as above; cross the Atrai (sometimes fordable) on starting by ferry, 1 boat carrying 600 mds. Roads branch off from here to Bogra and Maida, distant respectively 46 and 46½ m. |
| | Collector of Dinajpur, Dinajpur. | PATNITALA 800 × 160 yds. p-o | 10 | 59 | A small village; supplies on notice; good water from the Atrai, in fields on left bank of which is C.G.; country as above; road fair; nine nullahs have temporary bamboo bridges, not suitable for artillery. |
| | | BALURGHAT 800 × 100 yds p-o b | 12 | 71 | A large village; supplies procurable; good water from the Atrai R.; C.G. W. of road in Estate Office compound; country and road as in last stage. |
| | | PATIRAM 140 × 40 yds. p-o | 9 | 80 | A small village; supplies on notice; good water from the Atrai; site for C.G. in fields E. of thana; country and road as before. |
| | | CHANDGANJ 240 × 40 yds. | 10 | 90 | A small village; supplies on notice; good water from the river; site for C.G. in fields E. of road; country and road as in last stage; cross the Atrai R. at 7 m. fordable, except in rains, when a ferry plies. |
| | | DINAJPUR | 13 | 103 | See Route 109. Country and road as above. |
| | | Total marches, 10=103 m. | | | |

Route No. 123(a).

FROM BOALIA (RAMPUR-BAULBAH) TO DINAJPUR.

via PARBATIPUR AND PRAMSAGAR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|----------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Rajshahi, Boalia. | PRENTALI GHAT. | 12 | 12 | A small village on left bank of the Ganges or Padda; supplies must be collected; good water from the river, near which, on high land E. of W. of village, are suitable sites for C.G.; country mostly under cultivation; road 20 ft. wide, unmetalled, but strongly bridged. |
| | | GODAGARI | 9 | 21 | Country and road as above; pass Bargachhi at 2 and cross an unbridged gap (fordable, except after flood) at 3 m. |
| | | DIGRAEN | 8 | 27 | |
| | | NIZAMPUR | 11 | 38 | |
| | Collector of Dinajpur, Dinajpur. | PARBATIPUR | 18 | 51 | See Route 109. |
| | | TETULIA | 11 | 62 | |
| | | NISCHINTAPUR | 9 | 71 | |
| | | LASHKARHAT | 9 | 80 | |
| | | ATASS | 13 | 93 | |
| | | PRAMSAGAR | 11 | 104 | |
| | | DINAJPUR | 5 | 109 | |
| | | Total marches, 11=109 m. | | | |

Route No. 118(a).
FROM BHAGALPUR TO PURNEA.
via PARBATA AND SOWRA GHAT.

| AUTHORITIES. | | Name of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bhagalpur, Purnea, Patna. | PARBATA . 11,100 sq. yds. | 11 | 11 | A village; supplies on notice; water plentiful; site for C-G. 100 yds. N-E. of village; country low and cultivated; road metalled for the first 5 m., thence unmetalled, passable for artillery from January to April; cross the Ganges at Barari Ghat, 5 m., by ferry, 4 boats, other boats on notice. |
| | | SOWRA GHAT . 22,220 sq. yds. | 9 | 20 | A village; supplies scarce; fair water from the Kosi R.; site for C-G. 180 yds. E. of village; country as before; road 16 ft. wide, unmetalled, but passable for all arms, except in the rains; cross the Kulbulia R. at 4 m., by ferry of 4 boats, each carrying 100 mds. |
| | | PUTHIA . 10,000 sq. yds. | 9 | 29 | A village; supplies on notice; good water from the Kosi R., on bank of which is site for C-G.; country and road as before; cross the Kosi on starting, by ferry. |
| | | MURSUNDA . 10,000 sq. yds. | 9 | 38 | A village; supplies on notice; good water from the Barundi R., near the ferry over which is site for C-G.; country and road as above; cross the Barundi R. en route, fordable in dry season, ferry in rains. |
| | | PURNEA . | 12 | 60 | See Route 118. |
| | | Total marches, 5 = 50 m. | | | Country and road as before, latter not suitable for wheeled traffic; cross the old Kosi R. at 10 m., fordable in dry weather, ferry in rains. |

Route No. 119.
FROM BHAGALPUR TO RANIGANJ.
via DEOGARH AND JAMTARA.

| AUTHORITIES. | | Name of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bhagalpur, Patna, Deogarh. | AMARPUR . | 16 | 16 | See Route 113. |
| | | BANKA . | 11 | 27 | |
| | | JAMDHIA . | 10 | 37 | |
| | | JEYPUK . | 13 | 50 | |
| | | DEOGARH . | 12 | 62 | |
| | Dr. Commissioner, Sonthal, Parganas, Dumka. | BAHERON . 170 x 135 yds. | 12 | 74 | A small village; supplies on notice; abundant good water from a well near, and from tanks ½ m. from C-G., site for which is W. of village; country cultivated; road 18 ft. wide, unmetalled and unbridged, but fit for all arms; nullahs fordable. |
| | | PATROL . 165 x 120 yds. p-o. r-s. | 6 | 80 | A small village; supplies on notice; good water from 3 wells 4 m. from C-G., site for which is E. of village; country, road, and nullahs as in last stage. |
| | | KAROUN . 1,200 x 300 yds. p-o. r-s. | 10 | 90 | A large village; supplies on notice; abundant good water from two tanks in vicinity of C-G., which is E. of village; country, road, and nullahs as above. |
| | | JAMTARA . 7,200 sq. yds. p-o. r-s. | 14 | 104 | A large village; abundant good water from a well in hospital compound, and from a tank near r-s., E. of which is site for C-G.; country, road, and nullahs as before. |
| | | MIHJAM . p-o. r-s. | 9 | 113 | A village; supplies on notice; good water, for a battn., from a well in r-s. compound, E. of which is extensive C-G.; country and road as above. |
| | Colr. of Bardwan, Burdwan. | DOMOHANI . 50,000 sq. yds. | 12 | 125 | A village; supplies on notice; abundant good water from a tank; C-G. in fields round village; country open and cultivated; road unmetalled, but fit for all arms. |
| | | RANIGANJ . | 12 | 137 | See Route 81. |
| | | Total marches, 12 = 137 m. | | | Country and road as above, but last 5 miles of latter metalled. |

Route No. 120.
FROM BHAGALPUR TO SOOREE.
via BANSI AND DUMKA.

| AUTHORITIES. | | Name of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | PURANI . 6,100 sq. yds. p-o. | 81 | 81 | A village; supplies on notice; limited supply of fair water from a well 300 yds. S.W. of C-G., site for which is 80 yds. E. of bazar; country well cultivated; road metalled and bridged, fit for all arms. |
| | | BANGAON . 10,000 sq. yds. b. | 12 | 93 | A very small village; supplies must be collected; good water from a well in b. compound, and from a stream 400 yds. S. of C-G., which is 400 yds. S. of village; country and road as in last stage. |
| | | DOCSI . | 12 | 105 | A village; supplies on notice; abundant good water from wells; small site for C-G. 120 yds. S.W. of village; country rather hilly; road as above. |
| | | JAMDHIA . | 8 | 113 | Country and road as above; cross the Chandan R., unbridged, near Jamdha, fordable except in the rains, no ferry. |
| | | JEYPUK . | 13 | 126 | See Route 113. |

Route No. 126(a).
FROM BOGRA TO DINAJPUR.
via ADAMDIGHI AND MOHADEBPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colt. of Bogra, Bogra. Collector of Dinajpur, Dinajpur. | DURCHANCHIA 200 x 100 yds p-o. b. | 18 | 18 | A large village on W. bank of the Nagore; supplies on notice; good water from the river, wells and tanks; site for C-G. near village; country under rice cultivation; road 18 ft. wide, unmetalled, bridged, fit for all arms; the Nagore R. is crossed at end of stage, fordable except in rains, when a ferry (1 boat carrying 20 men) flies. |
| | | ADAMDIGHI p-o. | 13 | 26 | A village about 4 m. from Sultanpur r.s.; supplies on notice; good water from wells and a tank; from December to end of June rice-fields available for C-G.; country and road as above. |
| | | CHAKDORI 400 x 300 yds. p-o. | 12 | 38 | A small village; supplies must be collected; water scarce; wells would have to be dug for any considerable body of troops; C-G. in fields E. of a stream; country cultivated, with jungle here and there; road as above. |
| | | MOHADEBPUR | 8 | 46 | Country as before; road 16 ft. wide, unmetalled, nullahs bridged, fit for all arms. |
| | | PATNITALA | 10 | 56 | |
| | | BALURGHAT | 12 | 68 | |
| | | PATIRAM | 9 | 77 | See Route 123. |
| | | CHANDGANJ | 10 | 87 | |
| | | DINAJPUR | 13 | 100 | For other remarks see Route 109 |
| | | Total marches, 8= | | | |
| | | 160 m. | | | |

Route No. 127.
FROM BOGRA TO MALDA.
via ADAMDIGHI, MOHADEBPUR, AND NITHPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colt. of Bogra, Bogra. Collector of Dinajpur, Dinajpur. Collector of Malda, Malda. | DUBOHANCHIA | 18 | 18 | |
| | | ADAMDIGHI | 13 | 29 | |
| | | CHAKDORI | 12 | 39 | See Route 126(a). |
| | | MOHADEBPUR | 8 | 46 | For other remarks see Route 123. |
| | | GHATNAGAR 400 x 150 yds. p-o. | 14½ | 60½ | A small village; supplies on notice; plentiful good water from a tank; C-G. in rice-fields, W. of road; country level, open and cultivated; road unmetalled, partly bridged, one unbridged, nullah would be impracticable in rains. |
| | | NITHPUR 400 x 200 yds. p-o. | 8½ | 68½ | A village on the Parnabhaha; supplies on notice; good water from the river, on left bank of which is C-G.; country cultivated; road as above; one nullah to cross, fordable, except in rains when a ferry (1 boat) flies. |
| | | BULBULCHANDI 70,000 sq. yds. | 14 | 82½ | A large village; supplies on notice; good water from the Tangun R.; C-G. in fields; country as above; road unmetalled and indifferent, subject to floods in rains; one nullah, unfordable in rains, crossed by boat. |
| | | MALDA | 9 | 91½ | See Route 110. |
| | | Total marches, 8= | | | Country as above; road unmetalled; one large nullah, the Parnabhaha and the Tangun rivers are crossed <i>en route</i> , all unbridged and not fordable; large country boats, carrying 150 mds. each, are available at all three. |
| | | 91½ m. | | | |

Route No. 128.
FROM BOGRA TO RANGPUR.
via GOBINDGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colt. of Bogra, Bogra. Collector of Rangpur, Rangpur. | MOKAMTALA b. | 12 | 12 | A small village; supplies on notice; well water good, but limited; C-G. in fields; country cultivated; road 18 ft. wide, unmetalled, but bridged and fit for all arms; cross the Karatia R. at 8 m., fordable in the dry season, ferry (carrying 30 men) in the rains. |
| | | GOBINDGANJ p-o. b. | 9½ | 21½ | A large village; supplies on notice; water from a large jheel and numerous wells; small C-G. in b. compound; road 20 ft. wide, unmetalled, but bridged and fit for all arms. |
| | | PALASHBARI p-o. b. | 11½ | 32½ | A village; supplies on notice; small C-G. in b. compound, where there is a large well with good water; there is also a small tank close by, but the water is indifferent; road as in last stage; cross the Katakhal <i>en route</i> by a ferry carrying 25 men; two small country boats are also available. |
| | | PIRGANJ 15,000 sq. yds. | 12 | 44½ | A village; supplies on notice; good water from the Kinkajini stream, on bank of which is site for C-G.; country and road as above. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | MITHAPUR . . . | 11 | 55½ | A village; supplies on notice; limited quantity of good water from a well 250 yds. S. of b. round which lies the C-G.; water may be also obtained by digging 5 ft. below the surface; country and road as before. |
| | | 100,000 sq. yds. p-o. b. | | | |
| | | RANGPUR . . . | 18 | 68½ | |
| | | 38,000 sq. yds. p-o. t-s. r-s. b. | | | |
| | | Total marches, 6 = 68½ m. | | | A small civil stn.; supplies plentiful; abundant good water from wells; C-G. E. of the kachori; country and road as before, but latter metalled for the last 4 m.; the Ghagat R. is crossed at 6 m. (bridged, but not capable of bearing guns); this river is fordable in dry season, but has no ferry in the rains; the Bokra stream and Mahiganj canal are strongly bridged. |

Route No. 129.
FROM BURDWAN TO BERHAMPORE.
via KATWA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Burdwan, Burdwan. | KARJANA . . . | 7 | 7 | A village; supplies on notice; abundant good water from two tanks in vicinity of C-G., latter in fields ½ m. E. of village; country level and cultivated; road 12 ft. wide, metalled, bridged, and fit for all arms; cross the Gouranga nullah at 3½ m. |
| | | 50,000 sq. yds. | | | |
| | | NEGAN . . . | 12 | 10 | A village; supplies on notice; good water, for a batin., from a well on C-G., which is ½ m. W. of village; country and road as in last stage; cross the Khureah stream shortly after leaving Karjana, and the Kander Khul near Negan. |
| | | 800 × 200 yds. | | | |
| | | KATWA . . . | 15 | 34 | A town on right bank of the Bhagirati R. at its confluence with the Adjai; supplies on notice; good water from the rivers; C-G. in fields ½ m. S-W. of village; country and road as above; pass Srikantha at 9 m. |
| | | 800 × 200 yds. p-o. t-s. | | | |
| | | PLASSEY . . . | 11½ | 45½ | Country and road as above; cross the Bhagirati on starting, by ferry (8 boats each carrying 40 men). |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Berhampore. | BARWA . . . | 18 | 58½ | |
| | | BERHAMPORE . . . | 11 | 69½ | See Route 104. A town on the Bhagirati R.; supplies abundant; plentiful good water; spacious C-G. in old N. I. lines, E. of town. |
| | | p-o. t-s. b. | | | |
| | | Total marches, 6 = 69½ m. | | | |

Route No. 130.
FROM BURDWAN TO JESSORE.
via KALNA AND RANAGHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Burdwan, Burdwan. | BAIKANTAPUR . . . | 7 | 7 | A small village; supplies must be collected; fairly good water from a tank close to C-G., latter in fields ½ m. E. of village; country flat, open and cultivated; road metalled for first 4 m. only, 11 ft. wide, bridged, fit for all arms in dry weather. |
| | | 40,000 sq. yds. | | | |
| | | KUCHUT . . . | 8 | 15 | A small village; supplies must be collected; good water from tanks ½ m. N. of C-G., which is in fields ½ m. S. of village; country and road as in last stage. |
| | | 40,000 sq. yds. p-o. | | | |
| | | SATGACHI . . . | 7 | 22 | A village; supplies on notice; fairly good water from a tank and stream near C-G., which is in fields ½ m. W. of village; country and road as above; cross the Banka, bridged, at end of stage. |
| | | 40,000 sq. yds. p-o. | | | |
| | | ATGHARA . . . | 7½ | 29½ | A small village; supplies on notice; fairly good water from a tank; C-G. in fields ½ m. S. of village; country and road as above; pass Bohar at 2 and Madhupur at 6 m. |
| | | 40,000 sq. yds. | | | |
| | | KALNA . . . | 8½ | 37½ | A town on right bank of the Hooghly R.; supplies abundant; good water from the river; C-G. 2 m. S. of village; road as above, the last 6 m. being metalled. |
| | | 400 × 100 yds. p-o. t-s. | | | |
| | | SANTIPUR . . . | 5½ | 43 | A town; supplies abundant; good water from the Bhagirati R., on bank of which is C-G. (i), the other (ii) being near police thana; country as before; road unmetalled, 20 ft. wide, bridged and fit for all arms; the Hooghly is crossed by steam-ferry on leaving Kalna; other boats are also available. |
| | | (i) 550 × 400 yds. (ii) 200 × 200 yds. p-o. t-s. | | | |
| | | RANAGHAT . . . | 8½ | 51½ | A small town; supplies abundant; good water from the Churni R., on both banks of which are sites for encampment; country as before, but subject to inundation; road 24 ft. wide, raised, bridged and metalled, suitable for all arms; the Churni is crossed by ferry (8 boats and 1 raft) at end of march. |
| | | (i) 1,000 × 160 yds. (ii) 800 × 200 yds. p-o. t-s. r-s. b. | | | |
| G. O. C. Presidency District, Fort William. | Collector of Nudih, Krishnagar. | GOPALNAGAR . . . | 14 | 65½ | A small village; supplies on notice; good water from a large tank 800 yds. N-E. of spacious C-G., which is near r-s.; country as in last stage; road 20 ft. wide, unmetalled, bridged, suitable for all arms, but very heavy in ruins. |
| | | p-o. t-s. r-s. | | | |
| | | JOYNTIPUR . . . | 9 | 74½ | Country and road as in last stage, the Isamati is crossed at 6 m., and the Koldah at end of march, both bridged. |
| | | JADABPUR . . . | 8 | 82½ | |
| | | JHINKARGACHA . . . | 7½ | 90 | See Route 94. |
| G. O. C. Presidency District, Fort William. | Collector of Jessore, Jessore. | JESSORE . . . | 9 | 99 | |
| | | Total marches, 12 = 99 m. | | | |

Route No. 131.
FROM BURDWAN TO KRISHNAGAR.
via KALNA AND SANTIPUR

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---------------------------------|---|-----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Burdwan. | BAIKANTAPUR . . . | 7 | 7 | See Route 180. |
| | | KUCHUT . . . | 8 | 16 | |
| | | SATGACHI . . . | 7 | 23 | |
| | | ATGHARA . . . | 7½ | 29½ | |
| | | KALNA . . . | 8½ | 37½ | |
| | Collector of Nadia, Krishnagar. | SANTIPUR . . . | 5½ | 43 | A small village; supplies on notice; good water from a large tank, on bank of which is extensive C-G.; country well cultivated, subject to inundation; road 20 ft. wide, metalled, bridged, and fit for all arms. |
| | | DIGNAGAR . . . p-o. | 6 | 49 | |
| | | KRISHNAGAR . . . p-o t-s. b. | 6½ | 55½ | |
| | | Total marches, 8 = 55½ m. | | | |
| | | | | | |

Route No. 132.
FROM BURDWAN TO MIDNAPORE.
via HAJIPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Burdwan. | BURAKPUR . . . 50,000 sq. yds. | 7 | 7 | A village; supplies on notice; good water for 500 men from a tank; C-G. in fields W. of road; country open and cultivated; road metalled for first 8 m. only, width 11 ft., bridged, fit for all arms; the Damoda R. fordable in dry weather, is crossed in the 8th m. by a ferry of 4 boats, each carrying 60 men. |
| | | UCHALAN . . . p-o. | 11 | 18 | A large village; supplies on notice; abundant water from a tank; extensive C-G. in fields; country and road as above; pass Amlia village at 4 and Alogulmar at 7 m. |
| | | ASHULKHOLA . . . | 7 | 25 | A small village; supplies on notice; good water from wells and a tank; unlimited fields all round available for C-G.; country and road as in previous stage; the Durkasur R. is crossed at 4 m., fordable, except during the rains, when there is a ferry of one boat carrying 60 men. |
| | Collr of Midnapore, Midnapore. | HAJIPUR . . . | 10 | 35 | A small village; supplies scanty; good water from wells and a tank; C-G. in open fields of unlimited extent; country and road as before; pass Ksmarpukur, a large village, at 4 m. |
| | | JHANKRA . . . 15,000 sq. yds. | 10 | 45 | A village; supplies on notice; abundant water from a large tank, near which is site for C-G.; country as before; road 16 ft. wide, unmetalled and only partially bridged, fit for all arms; cross the Solai R. at 7 m. by ferry, one boat, carrying 60 passengers. |
| | | KESHPUR . . . p-o. | 12 | 57 | A large village; supplies on notice; abundant good water from a tank; C-G. in paddy-fields near village; country as before; road metalled for the last 5 m. and bridged throughout, with exception of the Tawan stream (10 m.), which is crossed by ferry, one boat carrying 60 men. |
| | | MIDNAPORE . . . | 14 | 71 | See Route 82 |
| | | Total marches, 7 = 71 m. | | | Country as above; road 15 to 20 ft. wide, metalled and bridged throughout, suitable for all arms. |

Route No. 133.
FROM BURDWAN TO SOOREE.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--------------------------------|---|-----------|--------|--|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Burdwan, Burdwan. | KHAIRAPUR . . . 25,000 sq. yds. | 16 | 16 | A village; supplies on notice; water for 500 men from a tank; C-G. in fields, country open and well cultivated; road metalled for first 3 m., thence unmetalled, 11 ft. wide; cross the Gaurango nullah at 8½, by a brick bridge suitable for all arms, and the Khureah R. at 10 m., fordable in dry season; no ferry. |
| | | OAGRAM . . . | 8 | 10 | A village; supplies on notice; abundant water from tanks; large C-G. on waste land near village; country as above; road as in latter part of last stage. |
| | | BHEDIA . . . 50,000 sq. yds. p-o. r-s. | 12 | 28 | A village on S. bank of the Adjai R.; supplies on notice; water from tanks and the river; country and road as in last stage; cross the Kaudur Khal and the Kunur stream, both strongly bridged. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Bhabua, Buxar. | SURUL | 6 | 34 | See Route 105. Country as above; road 18 ft. wide, unmetalled; cross the Adajai on starting, fordable in dry season, a ferry in the rains; numerous small nullahs (weakly bridged, but fordable) are crossed in this stage. |
| | | PURANDARPUR p.o. | 18 | 47 | A large village; supplies procurable; abundant water from wells and tanks; spacious C.G. in fields; country, road, and nullahs as in last stage; the Kal R. is crossed at 2, and the Balaita at 12 m., both always fordable. |
| | | SOOREE | 7 | 54 | See Route 112. Country as above; road metalled and bridged for last 6 m. |
| | | Total marches, 6= | | | |
| | | 54 m. | | | |

Route No. 134.
FROM BUXAR TO BENARES.
via CHAUSA AND SAKALDIHA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Benares, Benares. | CHAUSA | 6½ | 6½ | NOTE.—This route is impassable in the rains. See Route 99. |
| | | BARAH 1,200 × 450 yds. p.o. | 4½ | 11 | A village; supplies on notice; good water from wells and the Ganges; C.G. in a mango grove W. of village; country as above; road fair, neither metalled nor bridged; cross the Karamnasa at 2 m. by a permanent ferry, other boats also procurable. |
| | | DILDARNAGAR 600 × 300 yds. p.o. r.s. | 12½ | 23½ | A village; supplies on notice; good water from a well and tank in vicinity of C.G., which is ½ m. W. of village; country and road as before, latter in good order; pass Gahmar (p.o. r.s.) at 2 m. |
| | | BARESAR 400 × 400 yds. p.o. t.s. r.s. | 9 | 32½ | A village; supplies on notice; water for 500 men from a well, and (for animals) from the Ganges; C.G. near village; country as before; road unmetalled, in many parts a mere track until at 5 m. it joins a metalled road. Zamanin r.s. is passed at 7½ m. |
| | | SAKALDIHA 600 × 200 yds. p.o. r.s. | 14½ | 40½ | A large village; supplies on notice; water from wells in vicinity of C.G., latter 800 yds. W. of village; country as above; road indifferent, unmetalled and partially bridged; cross two nullahs at 1 and 1½ m., respectively, both bridged. |
| | | JALILPUR | 11½ | 58½ | Country as above; the road joins the Grand Trunk Road at 6 m., whence it becomes metalled and bridged. See Route 266. |
| | | BENARES | 6½ | 64½ | |
| | | Total marches, 7= | | | |
| | | 64½ m. | | | |

Route No. 135.
FROM BUXAR TO DEHRI.
via BHOJPUR AND NASRIGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | BHOJPUR | 10 | 10 | NOTE.—There are three alternative routes; the first two by road, the third by canal:— (1) Via Chausa, Sarinja, Dhanau, Kachua, Karghar, and Basaram to Dehri, 65 m. (2) Via Itari, Dhanauhi, Barao, and Basaram to Dehri, 55 m. (3) By Buxar canal steamer to Dehri, 58 m.; time 12 hrs. Nos. (1) and (2) are only fair weather roads, have nothing to recommend them, and are not desirable. |
| | | NAW NAGAR 300 × 300 yds. p.o. | 16½ | 25½ | A large village; supplies on notice; water for 700 men from a well, 260 yds. N. of C.G., site for latter in a grove 200 yds. S.E. of village; country cultivated; road metalled and bridged; pass Kurand at 9 and Budsawa at 12½ m. |
| | | TENDONI 600 × 200 yds. | 12 | 37½ | A small village; supplies on notice; plentiful good water from a well on S. border of C.G., which is at the junction of the road with the Arrah-Basaram road; country and road as before; pass Kulanipur at 7½ and Naminipur at 8½ m. |
| | | NASRIGANJ | 14 | 51½ | Country cultivated; road metalled and bridged; pass Gorari at 8, Bullia at 12 m., and other small villages. |
| | | DEHRI | 14½ | 66½ | See Route 58. For other remarks see Route 200. |
| | | Total marches, 6= | | | |
| | | 66½ m. | | | |

Route No. 136.
FROM BUXAR TO SASARAM.
via BHOJPUR AND NOKHA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Arrah. | BHOJPUR . . . | 10 | 10 | <p>NOTE.—This route is metalled throughout. For alternative routes, see note at head of No. 135.</p> <p>See Route 55.</p> <p>See Route 185.</p> <p>Country and road as in last stage.</p> <p>See Route 53 (b).</p> <p>For other remarks see Route 280.</p> |
| | | NAWANAGAR . . . | 15½ | 25½ | |
| | | BIKRAMGANJ . . . | 18 | 38½ | |
| | | NOKHA . . . | 11½ | 50½ | |
| | | SASARAM . . . | 18½ | 64½ | |
| | | Total marches, 5= | | | |
| | | 64½ m. | | | |

FROM CACHAR OR SILCHAR TO AIJAL (LUSHAI HILLS).

via JHALNACHEHRA, AND THENCE BY RIVER TO SAIRANG.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. Deputy Commissioner of Cachar, Silchar. | | JALINGA b. | 14 | 14 | <p>NOTE.—This route is preferable to No. 137(a).—Silchar to Aijal by road.</p> <p>A halting place; supplies from bazar 1 m. S.W. of b.; water from the Balisuri R., but not good for drinking in the dry season; paddy-fields W. of b. available during cold weather for encamping; country under rice and tea cultivation, open and level for first 9 m., then somewhat hilly; road level, unmetalled, 8 to 10 ft. wide, practicable for all arms in the cold weather; pass Bangri Khar at 2, Malekpur at 4, Silkuri at 8, Barikuma at 12, and cross the Balisuri in 14th m.; all streams and nullahs are bridged and can be crossed by artillery.</p> <p>A halting place; supplies procurable; good water from the Moraganj stream in 24th m., also from a well in b. compound; in cold season supply of water is scanty from both sources; land available for C.G. in 24th m. S. of road, after crossing the Moraganj bridge; country hilly in part, but mostly open and cultivated (tea-gardens and rice); road as above; pass Dwarband (b. and tea-garden) at 4 m.; all streams and nullahs bridged with semi-permanent bridges, capable of carrying artillery; a road leads hence to Hailalandi.</p> <p>A bazar and halting place; supplies procurable; good water from the Meralala stream, also from a well in b. compound; supply scanty in dry season; paddy-fields near b. can be used in dry weather for encamping; country and road as before, latter 6 to 10 ft. wide; all nullahs and streams bridged; cross the Kata Khal R. by a ferry carrying 25 men.</p> <p>A village and bazar, called Fenchucherra; supplies procurable; good water from the Kata Khal R. E. of, and also from a large tank N. of C.G., land for latter being available near bazar on both sides of road; the former camp was at the 40th m.; country and road as before.</p> <p>A village and military police post; supplies scanty; good water from the Daller R.; land available for C.G. S.E. of b.; country hilly and jungly; road unmetalled, 6 ft. wide, maximum gradient 1 in 10, suitable for mountain guns; all streams and nullahs bridged with semi-permanent bridges; cross the Daller at 7 m. by a ferry carrying 25 men; boats holding 3 to 6 passengers and 40 to 60 mds. of baggage, can be obtained at Guglacherra, Ropacherra, Fenchucherra, and Kulkicherra for moving up or down the Daller R.</p> <p>The journey to Changsil takes from 6 days in the cold weather to from 10 to 15 days in the rains; small boats of from 40 to 60 mds. can ascend the Daller R.; this river, which is the most important one in the N. Lushai Hills, empties itself a mile W. of Salechappa into the Barak and is known by the name of Kata Khal below Kulkicherra; all supplies and stores come up this way by boats throughout the year. Changsil was the base for N. Lushai hills, but was abandoned in favour of Sairang in May 1893 and is now quite deserted. There is still a path some 8 ft. wide from Changsil to Sairang. The post comes by boat from Jhalnacheherra to Changsil and is conveyed thence by runners through Sairang to Aijal.</p> <p>It is advisable to land at Changsil in the rains and use the road, for it takes at least 3 days to reach Sairang by boat, and the rapids are very dangerous. At Changsil 300 men can camp on bank of the river, if jungle is cleared away.</p> <p>A village (the river base of Aijal), close to which runs the Daller or Klong and Sairang rivers; supplies scarce; plentiful good water from the Klong, on banks of which is site for C.G.; during rains the river route is very risky on account of rapids and rocks, land route to be preferred.</p> <p>The h.d.-qrs. stn. of the Lushai Hills extending over 2 m. on the top of a narrow ridge; limited native provisions and tinmed stores in small quantities from shop in bazar, but abundant grazing and fodder; small sites for C.G. on parade ground (good water low down the hill), and between the offices and Superintendent's house, water-supply being below latter; country and road as before; cross a nullah at 10 m. by a broad iron bridge.</p> |
| | | MORAGANJ b. | 9 | 23 | |
| | | LALA BAZAR p-o. t-s. b. | 7 | 30 | |
| | | KATLICHERRA p-o. t-s. b. | 8 | 38 | |
| | | JHALNACHEHRA. p-o. t-s. b. | 12 | 50 | |
| | | CHANGSIL | 60 | 110 | |
| | | SAIRANG 29,000 sq. yds. p-o. t-s. | 10 | 120 | |
| Superintendent of the Lushai Hills, Aijal. | | AIJAL p-o. t-s. | 18 | 138 | |
| | | Total stages, 8 = 133 m. | | | |

Route No. 137(a).

FROM CACHAR OR SILCHAR TO AIJAL (LUSHAI HILLS).

via KANGLAI AND RENGTI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. Dy. Commr. of Cachar, Silchar. Superintendent of the Lushai Hills, Aijal. | | JALINGA b. | 14 | 14 | <p>See Route 137.</p> <p>A halting place, with very scanty accommodation; supplies must be collected; good but limited water from a stream, near which is small site for C.G., but close to the stream, 2½ m. further on is a larger and better site for encampment; country at first cultivated then low, hilly and covered with dense jungle; road as above, but narrower, for 9 m., whence it ascends to Kanglai at an average gradient of 1 in 10; nullahs bridged; pass Dwarband (p-o. t-s.) at 4, Noarband tea-garden at 6, and a forest b. (suitable site for encampment here with good water close by) at 7½ m. From Noarband to Aijal, road only suitable for pack animals and coolies, both procurable in Silchar.</p> <p>A halting place, with little or no accommodation; supplies must be collected; fodder in abundance; good but limited water from streams in vicinity of C.G., small site for which is on left of road and near b.; country as in latter part of last stage; road as before; descend for 3 m. on starting, then ascend for 3 more, and finally run level along a ridge to Rengti.</p> |
| | | KANGLAI b. | 14½ | 28½ | |
| | | RENGTI b. | 9½ | 38½ | |
| | | | | | |

| AUTHORITIES | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Superintendent of the Jorhat Hills, Aijal. | KUKIMARA . . . | 12½ | 60½ | A halting place; no supplies; good but limited water from a small stream 400 yds. S.E. of C-G., small site for which is on roadside; country hilly with dense tree and bamboo jungle; road as above; proceed along a ridge for the first 5 m., then descend and run level for 3 m. to a stream, remainder up-hill; cross a stream (bridged) en route. |
| | | KOLOSB b. . . | 16 | 60½ | A halting place; no supplies; good but limited water from a stream ½ m. S.E. of b., near which is small site for C-G. on a saddle between two ridges; the hills begin to get higher in this march, covered with dense jungle; road as above, very much up and down, ruling gradient 1 in 10. |
| | | BOLPUI b. . . | 14½ | 81 | A halting place; no supplies; good but limited water from a nullah in the rains close to camp, at other times from a stream about ½ m. S.E. of C-G., small site for which is near b.; country and road as above; ascend for 3 m., gradient 1 in 10, thence, with the exception of one or two zigzags, the road is practically level. |
| | | CHINLONG . . . | 16½ | 97½ | A halting place; no supplies; plentiful good water from a stream in front of, and just below C-G., small site for which is near b.; country and road as before; descend all the way from Bolpui crossing the Tui Tun (fordable) towards end of stage; stream subject to sudden floods when it is unfordable for 2 to 4 hrs. |
| | | DARLUI . . . | 13 | 110½ | A halting place; no supplies; plentiful good water from the Darlui stream just below b. and near small C-G.; country and road as above, descend for 2½ m. to the Polbrang stream, fordable except in case of sudden flood when it is impassable for 2 to 2½ hrs.; from here ascend for 3 m., thence down-hill gently. |
| | | SAIRANG . . . | 9½ | 120½ | Country and road as before, ascend for 3 m., gradient 1 in 10, then down-hill gently for the rest of the way. |
| | | AIJAL . . . | 19 | 139½ | See Route 187. |
| | | Total marches, 10 = 139½ m. | | | |

Route No. 138.
FROM CACHAR OR SILOCHAR TO ALINAGAR.
 via LALA BAZAR AND PATHARKANDI.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Commr of Cachar, Silchar. | JALINGA . . . | 1½ | 14 | See Route 187. |
| | | MORAGANJ . . . | 9 | 23 | |
| | | LALA BAZAR . . . | 7 | 30 | |
| | | KATLICHERRA . . . | 8 | 38 | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | DULLABCHERRA p-o. t-s. b. . . | 12 | 50 | A halting place on bank of the Singla R.; supplies procurable; good water in the rains from the river, and also from wells in the Dullabcherra tea-garden; site for C-G. in paddy fields W. of road and N. of b.; country open and cultivated; road, unmetalled, bridged throughout, general width 8 ft., not suitable for artillery, passes through the Dewalia Hills, steepest gradient 1 in 8. |
| | | PATHARKANDI p-o. t-s. b. . . | 15 | 65 | A village on bank of the Lungai stream; supplies procurable; good water from the stream, and (for animals) from tanks; site for C-G. available in paddy fields; country hilly in parts; road as above; cross the Lungai near Patharkandi, by a ferry carrying 60 men; this stream is also fordable in most parts. |
| | | PUINEX Tea Estate . . . | 11 | 76 | A halting place; supplies procurable; abundant good water from garden wells; C-G. on banks of a stream; road as in last stage; the nearest p-o. and t-s. is at Chandkhira, 5 m. distant. |
| | | CLEVEDON . . . 288 × 200 yds. | 10 | 86 | A village; supplies not procurable, except on market day (Saturday); abundant good water from the Basuoherra stream; C-G. IV. of village; country and road as above. |
| | | HINGAJITA . . . 600 × 200 yds. | 6 | 92 | A halting place; supplies procurable on market days only, viz., Saturdays and Wednesdays; abundant good water from the Fenna stream; C-G. E. of road; country and road as before. |
| | | ALINAGAR . . . 600 × 600 yds. | 7 | 99 | A village; supplies on market days only, viz., Wednesdays and Sundays; good water from the Lakhta stream; C-G. S.E. of village; country cultivated; road unmetalled, 12 ft. wide, bridged; 7 nullahs and the Mann R. are crossed en route, fordable in dry season, ferries also available. Shamshernagar (p-o. t-s. r-s.) is 2½ m. distant. |
| | | Total marches, 10 = 99 m. | | | |

Route No. 139.
FROM CACHAR OR SILOCHAR TO JOWAI.
 via GUNJONG AND HOT SPRINGS.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam Dist., Shillong. | Dr. Commr. of Cachar, Silchar. | BARKOLA . . . 21,200 sq. yds. p-o. t-s. | 10 | 10 | A village; supplies on notice; good water from the Jatinga R. on bank of which and near p-o. is site for C-G.; country cultivated; road 12 ft. wide, unmetalled, but level and good; nullahs strongly bridged; cross the Baral at 6 m., by ferry carrying 30 men. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | | Deputy Commissioner of Cachar, Silchar. | | | |
| | | LORGHESA . . . | 9 | 19 | A halting place; supplies limited; good water from the Jatinga, near which is extensive site for C-G.; country hilly and rugged; road 4 to 8 ft. wide, unmetalled, partially bridged and unsuitable for wheeled traffic; cross the Jatinga at 4 m., by temporary bamboo bridge in dry season, by ferry carrying 20 men in rains. |
| | | HARANGAJU b. . . | 11 | 30 | A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C-G.; country as above; road neither metalled nor bridged and steep and bad nearly all the way; streams and nullahs fordable except after heavy rain. |
| | | BANKU b. . . | 8 | 38 | A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C-G.; country hilly and covered with jungle; road fairly level, but not in very good order; streams and nullahs fordable except after heavy rain. |
| | | HAPLONG p-o. b. . . | 9 | 47 | A large village and military police post; supplies limited; good water, for a battn., from wells in village, near which and N. of road is site for C-G.; country as above; road a good unmetalled cart road, ruling gradient 1 in 15; nullahs and streams bridged, but bridges liable to be swept by floods. |
| | | BERALANGDISA . . . | 8 | 55 | A halting place near the Beralangdisa stream; no supplies; plentiful good water from the stream, on banks of which is site for C-G.; country as above; road on 8 ft. bridge path, ascending and descending alternately at steep gradients; cross the Diyong R. (always fordable) at 3½ m. |
| | | OUNJONG 50,000 sq. yds. . . | 9½ | 64½ | A village; no supplies; indifferent limited water from a spring, near which and E. of road is C-G.; country and road as above, latter running along an undulating ridge. |
| | | DEREBARA . . . | 9 | 73½ | A halting place on bank of the Diyong; no supplies; good water from the river, near which, on side of steep hill, is site for C-G., but jungle would have to be cleared; country hilly and covered with jungle; road, a path up and down the hills, suitable for pack animals. |
| | | BAGHA . . . | 9 | 82½ | A halting place; no supplies; limited good water from a small stream, on grass lands near which is site for C-G.; country and road as above; cross the Diyong on starting, by ford in dry season, by rafts (higher up the river) in rains. |
| | | KORONGMA b. . . | 8 | 90½ | An old fortified house; no supplies; plentiful good water from an artificial lake, close to which is site for C-G., but jungle would have to be cleared; country and road as above. |
| Sub-Divisional Officer, North Cachar Hills. | | HOT SPRINGS b. . . | 14 | 104½ | A halting place on right bank of the Kopili R.; no supplies; good water from the river, near which is site for C-G.; country and road as above. |
| | | KHONSNGONG 32,000 sq. yds. . . | 6 | 110½ | A village; supplies on notice; plentiful good water from a stream, near which and in middle of village is C-G.; country and road as before; cross the Kopili on starting, by ford except after heavy rain. |
| | | SHANGPUNG 32,000 sq. yds. b. . . | 14 | 124½ | A village near the Jurem R.; supplies on notice; good water from hill springs and the river, close to which and near b. is C-G.; country and road as before; pass Halang at about 10 m. |
| | | JOWAI p-o. b. . . | 12 | 136½ | A large village and civil sub-divisional stn.; supplies procurable; good water, for a battn., from a spring and well near black-house, S. of which is extensive site for C-G.; animals may be watered from a nullah at entrance to village; country and road as before; streams unbridged. |
| | | Total marches, 14 = 136½ m. | | | |

Route No. 140.
FROM CACHAR OR SILCHAR TO MANIPUR.
via JHIRI GHAT AND THE LENGBA RIVER.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | | Dr. Commr. of Cachar, Silchar. | | | |
| | | LAKHIPUR p-o. t-s. b. . . | 14 | 14 | NOTE. —This route is very unhealthy and ought not to be used by troops except in case of emergency. A village; supplies on notice; good water from Barak R., on bank of which is site for C-G.; country open and cultivated; road unmetalled, 20 ft. wide, bridged, and fit for all arms; cross the Barak R. at 4, and a stream at 10 m. by ferry. |
| | | JHIRI GHAT b. . . | 10 | 24 | A small village and military police outpost; supplies on notice; good water from the Jhiri R., on bank of which is site for C-G.; country, undulating forest lands; road unmetalled, not fit for wheeled traffic; bridges only fit for foot traffic. |
| | | MAKRU RIVER . . . | 15 | 39 | A halting place; supplies on notice; good water from the river, on bank of which is site for C-G.; country, ranges of hills covered with dense forests; road, a bridle path, 9 ft. wide; gradient 1 in 10; cross the Jhiri R. on starting by ferry. |
| | | BARAK RIVER b. . . | 12 | 51 | A halting place; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as above; cross the Barak on starting, fordable in dry season, a floating bamboo bridge conveying 20 men at a time in the rains; in the latter season the crossing is dangerous for animals; at 6 m. pass Kalanaga outpost. |
| | | LENGBA RIVER b. . . | 13 | 64 | A halting place; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as in last stage; cross the Barak on starting by a floating bridge as in last stage; pass Nongbu (b.) at 9½ m. |
| Political Agent in Manipur, Manipur. | | IBANG RIVER . . . | 10 | 74 | A halting place; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as before; cross the Lengba on starting, by a floating bridge. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Political Agent in Manipur, Manipur. | KAOPUM | 8 | 83 | A halting place; supplies on notice; fair water from a stream, near which is site for C.G.; country and road as above; cross the Imrag on starting by a floating bridge; at 6½ m. descend into the Kaopum plain. |
| | | LIMATAK RIVER | 11 | 93 | A halting place; supplies on notice; good water from the river, near which is site for C.G.; country and road as before. |
| | | BISHENPUR | 14 | 107 | A village; supplies on notice; good water from a stream, near which is site for C.G.; country and road as before; cross the Limatak (fordable in dry season, a floating bridge in rains) on starting. |
| | | MANIPUR | 17 | 124 | A civil and military stn.; supplies procurable; good water from wells and from the Imphal R., on bank of which is suitable site for encampment; country open and well cultivated; road as above. |
| | | Total marches, 10 = 124 m. | | | |

Route No. 141.
FROM CAMPBELLPUR TO EDWARDESABAD.
via CHOI, SHAH MUHAMMAD WALA, KALABAGH, AND LAKE.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Jhelum, Jhelum. | CHOI | 10 | 10 | Country undulating, open and fairly cultivated; road good, but cut up in places by ravines; join the road from Attock at 7, and cross the Hurrah (fordable except after heavy rain) at 7½ m. See Route 60. For other remarks see Route 5. |
| | | LAMBIDHAN (GANDAKAS) | 11 | 21 | |
| | | PIND SULTANI | 13 | 33 | |
| | | MIANWALA | 10 | 43 | A village; supplies on notice; indifferent limited water from wells, in vicinity of which is extensive site for C.G.; country level, open and well cultivated; road good, but unmetalled and intersected by nullahs (fordable). Country and road as above. |
| | | DHANDI | 9½ | 53½ | |
| | | NAKA | 11 | 64½ | |
| | | SHAH MUHAMMAD WALA | 14 | 77½ | See Route 4. |
| | | NIKI | 10 | 87½ | |
| | | MARI | 17 | 104½ | |
| | | KALABAGH | 3 | 107½ | |
| | | KAMARMASHANI | 14½ | 121½ | |
| | | ISAKHEL | 11 | 136½ | |
| | | DARRA TANG | 8 | 143½ | |
| | | LAKI | 16½ | 160½ | |
| G. O. C. P. F. Force, Alkotabad. | Dy. Commr. of Rawal Pindi, Rawal Pindi. | NAURANG SARAI | 16 | 175½ | |
| | | EDWARDESABAD | 16 | 191½ | |
| | | Total marches, 16 = 191½ m. | | | |

Route No. 142.
FROM CAMPBELLPUR TO KOHAT.
via CHOI, JAND, AND KHUSHALGARH.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Rawal Pindi, Rawal Pindi. | CHOI | 10 | 10 | For other remarks see Route 141 See Route 60 |
| | | LAMBIDHAN (GANDAKAS) | 11 | 21 | |
| | | PIND SULTANI | 12 | 33 | For other remarks see Route 5 See Route 5. |
| | | JAND | 12½ | 45½ | |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. P. W. Force, Abbott- abad. | Dy. Commr. of P. W. S., Kohat. | KHUSHALGARH . . . | 9 | 54½ | See Route 6. |
| | | GUMBAT . . . | 16 | 69½ | |
| | | KOHAT . . . | 16 | 84½ | |
| | | Total marches, 7 = | | | |
| | | 84½ m. | | | |

Route No. 143.
FROM CAMPBELLPUR TO SHAHPUR.
via FATAHJANG, TALAGANG AND JABA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindl District, Rawal Pindl. | Dy. Commr. of Rawal Pindl, Rawal Pindl. | JABI . . . | 12½ | 12½ | A village; supplies on notice; plentiful good water from a stream near village, close to which is site for C.G.; country hilly and intersected by ravines; road 20 to 25 ft. wide, unmetalled and unsuitable for artillery; cross the Hurrah (fordable, except after heavy rain) during first half of stage, banks steep and rough. |
| | | FATAHJANG . . . | 11 | 23½ | |
| | | DHURNAL . . . | 14 | 37½ | |
| | Dy. Commr. of Jhelum, Jhelum. | DULLA . . . | 14 | 51½ | See Route 4. Country as above; road neither metalled nor bridged and rough, crossing over the lower portion of the Chita Pahar range; nullahs fordable, except after heavy rain. |
| | | RUPWAL . . . | 12 | 63½ | |
| | | TALAGANG . . . | 11 | 74½ | |
| | | KITCHI . . . | 11 | 85½ | |
| | | JABA . . . | 11 | 96½ | |
| | | SODHI . . . | 9 | 105½ | |
| | | KATHWAI . . . | 8 | 113½ | |
| | | NARIWALA . . . | 6 | 119½ | |
| | | KHUSHAB . . . | 12 | 131½ | |
| | | SHAHPUR . . . | 8 | 139½ | |
| | | Total marches, 13 = | | | |
| | | 139½ m. | | | |

Route No. 144.
FROM CAWNPORE TO BANDA.
via HAMIRPUR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oaulh District, Lucknow. | Colt. of Cawnpore, Cawnpore. | BIOHNU 105,710 sq. yds. . . | 12½ | 12½ | A large village; supplies procurable; abundant good water from 3 wells near C.G., which is situated W. of road; country cultivated; road raised, metalled and strongly bridged, practicable throughout the year; cross the Ganges canal at 2½, and pass Ramapur at 10 m. |
| | | GHATAMPUR . . . | 18½ | 26 | |
| | Colt. of Hamirpur, Hamirpur. | HAMIRPUR . 375 × 340 yds. p-o. t-o. l. . . | 18½ | 89½ | See Route 30. Country and road as in last stage; cross the Bindh Nadi at 5½, pass Patuna at 7½, Jahangirabad at 10, and Bhirpur at 11½ m. A large town; supplies plentiful; abundant good water from wells and the river in vicinity of C.G., which is E. of town; country and road as above; cross the Jumna at 13 m., by bridge-of-boats in the dry season (fit for artillery), by ferry (8 boats, each carrying 300 mds.) in the rains. |
| | | SUMERPUR . 310 × 230 yds. p-o. . . | 9½ | 40½ | |
| | | SISOLAR . . . | 18 | 62½ | |
| | | BANDA . . . | 16 | 77½ | |
| G. O. C. Bundelkhand District, Agra. | Colt. of Banda, Banda. | Total marches, 6 = | | | A small town; supplies obtainable; good water from 2 wells in vicinity of C.G., latter near police thana, and S-W. of village; country as above; road metalled only as far as the Betwa, 1½ m., crossed by bridge-of-boats in dry season, by ferry in the rains. Country as above, road unmetalled, 22 ft. broad; cross the Chandrawal stream at 10 m., fordable in dry weather, a ferry in the rains. See Route 70. For other remarks, see Route 20. |
| | | 77½ m. | | | |

Route No. 144(a).
FROM CAWNPORE TO BANDA.
via AUNG AND CHILLATARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Colr. of Cawnpore, Cawnpore. | From the Church to | | | See Route 206. |
| | | MAHARAJPUR . . . | 11 | 11 | |
| | | AUNG . . . | 14½ | 25½ | |
| | | JHUNIA . . . 88,088 sq. yds. | 16 | 10½ | A large village; supplies procurable; abundant good water from a well on C-G, which is N. of road; country flat, open and well cultivated; road metalled and bridged, practicable throughout the year; leave the Grand Trunk Road at 2, and cross a metalled road from Faohpur to Khanjha at 7½ m. Country and road as above; cross the Jumna towards end of stage, by a bridge of boats in the dry season, by ferry (3 boats carrying 250 mds. each) in the rains. See Route 29. |
| | | CHILLATARA . . . | 14½ | 35 | |
| | | PIPRENDA . . . | 13 | 67 | |
| G. O. C. Bundelkhand District, Agra. | Colr. of Banda, Banda. | BANDA . . . | 11 | 78 | |
| | | Total marches, 6 = | | | |
| | | 78 m. | | | |

Route No. 144(b).
FROM CAWNPORE TO BANDA.
via KALPI AND JALALPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Collector of Cawnpore, Cawnpore. | Cantonment Church to— | | | NOTE.—This is a most roundabout route. |
| | | SACHENDI . . . 164,640 sq. yds. p-a | 18 | 18 | |
| | | BARA . . . 149,460 sq. yds. b. | 10 | 28 | A large village; supplies procurable; plentiful good water from a well W. of C-G, which is N. of road; country well cultivated; road raised, metalled and strongly bridged, practicable throughout the year; the Banda stream is crossed at 9½ m. |
| | | DIGH . . . 274,046 sq. yds. b. | 11 | 84 | |
| | | BHOGNIPUR . . . | 7 | 41 | A small village; supplies procurable; good water, for a bath, from a well on C-G, which is N-W. of road; country and road as above; pass Muridpur at 6½ and cross the Sengur stream at 8½ m. |
| | | KALPI . . . | 7½ | 48½ | |
| | | ITAURA . . . | 7 | 55½ | See Route 80. Country as above; road as in last stage. |
| | | JALALPUR . . . | 18 | 68½ | |
| | | BEWAR . . . | 12 | 80½ | See Route 76. |
| | | MAUDHA . . . | 13 | 93½ | |
| | | SISOLAR . . . | 9 | 102½ | For other remarks, see Route 29 |
| | | BANDA . . . | 15 | 117½ | |
| G. O. C. Bundelkhand District, Agra. | Colr. of Banda, Banda. | Total marches, 11 = | | | |
| | | 117½ m. | | | |

Route No. 144(c).
FROM CAWNPORE TO BANDA.
via KALPI AND HAMIRPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------------|--|-----------|--------|---------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Collector of Cawnpore, Cawnpore. | SACHENDI . . . | 13 | 13 | See Route 144(b). |
| | | BARA . . . | 10 | 23 | |
| | | DIGH . . . | 11 | 34 | |
| | | BHOGNIPUR . . . | 7 | 41 | For other remarks, see Route 40 |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Colt. of Hamirpur, Jalau, Oni. | KALPI . . . | 7½ | 48½ | See Route 76. |
| | | BABINA 800 × 260 yds. p-o. | 10 | 58½ | A village; supplies on notice; abundant good water from wells and tanks near C-G., latter 60 yds. W. of village; country fairly cultivated; road unmetalled, but bridged; pass Deepura at 6½, and Barkhera at 6 m. |
| | | KURARA 295 × 295 yds. p-o. b. | 10 | 68½ | A small village; supplies on notice; fuel, grass, and camel grazing abundant; good water from a well and tank in vicinity of C-G., which is 250 yds. W. of village; country as before; road bad; pass Farouka at 8½ and Sursai at 8 m. |
| | | HAMIRPUR . . . | 11 | 79½ | Country broken and intersected; road metalled for last 1½ m. and nullahs bridged; at 8 m. pass Jhalokhar. |
| | | SUMERPUR . . . | 9½ | 89½ | See Route 144. |
| | | SISOLAR . . . | 13 | 102½ | For other remarks, see Route 144. |
| | | BANDA . . . | 15 | 117½ | See Route 76. |
| | | Total marches, 11 = 117½ m. | | | For other remarks, see Route 26. |

Route No. 145.
FROM CAWNPORE TO CHARKHARI.
via HAMIRPUR AND MAHOBA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Colt. of Cawnpore, Cawnpore. | BIDHNU . . . | 12½ | 12½ | |
| | | GHATAMPUR . . . | 18½ | 26 | For other remarks, see Route 30. |
| | | HAMIRPUR . . . | 18½ | 39½ | See Route 144. |
| | | SUMERPUR . . . | 9½ | 49½ | |
| | | MAUDHA . . . | 18 | 67½ | See Route 76. |
| | | KHANNA 210 × 210 yds. p-o. | 10½ | 72½ | Country as in last stage; road metalled and bridged; pass Makmon at 8 m. |
| | | KABRAI 65,590 sq. yds. p-o. r-s. | 12 | 84½ | A small village; supplies on notice; plentiful good water from 2 wells, one on the other 170 yds. S-W. of C-G., which is 1 m. S. of village; country and road as above. |
| | | MAHOBA 61,410 sq. yds. p-o. t-s. r-s. b. | 11½ | 96 | A small town; supplies procurable; plentiful good water from a well on, and (for animals) from tanks near C-G., which is 3 furlongs E. of town; country partially cultivated; road as above; pass Gogora at 3½, and Kari Pahari at 6 m. |
| G. O. C. Bundelkhand District, Agra. | Colt. of Hamirpur, Hamirpur. | CHARKHARI p-o. b. | 11½ | 107½ | A large town and capital of Charkhari State; supplies easily procurable; plentiful good water from 3 wells near C-G., extensive site for which is W. of road and ½ m. S-W. of town; country and road as above; cross the ry. line near Mahoba r-s. at 2½ m. |
| | | Total marches, 9 = 107½ m. | | | |

Route No. 146.
FROM CAWNPORE TO ETAWAH.
via SIKANDRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Cawnpore, Cawnpore. | SACHENDI . . . | 13 | 13 | See Route 144(b). |
| | | AKHARPUR . . . 421,000 sq. yds. p-o. | 14½ | 27½ | A large village; supplies procurable; abundant good water from 4 wells and a large tank on, and close to C-G., which is near village; country well cultivated; road raised, metalled, and strongly bridged; cross the Rindh Nadi at 1½, pass Barn at 10 and cross the Ganges canal at 18½ m. |
| | | THANUANPUR 13,700 sq. yds. | 8 | 35½ | A village; supplies procurable; plentiful good water from a well close to C-G., latter near village and N. of road; country as above; road neither raised, metalled nor bridged, very difficult for carts during rains; pass Muhamimadpur at 4 and cross the Sengur Nadi at 6 m. fordable in dry weather, a ferry (1 boat carrying 80 men) in the rains. |
| | | SIKANDRA . . . | 18½ | 40 | Country and road as in last stage; pass Rasdhan at 11½ m. |
| G. O. C. Meerut District, Meerut. | Colt. of Etawah, Etawah. | AURAIYA . . . | 10½ | 59½ | |
| | | AJITMAL . . . | 14 | 73½ | See Route 30. |
| | | BAKEWAR . . . | 19½ | 86 | |
| | | ETAWAH . . . | 14½ | 100½ | For other remarks, see Route 15. |
| | | Total marches, 8 = 100½ m. | | | |

Route No. 147.
FROM CAWNPORE TO FATEHGARH.
via THE GRAND TRUNK ROAD AND JALALABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Cawnpore, Cawnpore. Collector of Ferozabad, Fatehgarh. | KALIANPUR . . . | 8½ | 8½ | } See Route 286. |
| | | CHAUBBPUR . . . | 8½ | 17½ | |
| | | PURA . . . | 18 | 29½ | |
| | | ARAUL . . . | 18½ | 42½ | |
| | | SARAI MIRAN . . . | 9½ | 52½ | } A large village; supplies abundant; plentiful good water from 2 wells in vicinity of C-G., which is E. of road; country partially cultivated; road as in previous stages. Country and road as before; cross the Kali Nadi (bridged) <i>en route</i> . See Route 77. For other remarks, see Route 16 |
| | | JALALABAD 68,170 sq. yds. P-o. | 9½ | 62 | |
| | | KHODAGANJ . . . | 9½ | 71½ | |
| | | FATEHGARH . . . | 18½ | 85½ | |
| | | Total marches, 8 = 85½ m. | | | |

Route No. 148.
FROM CAWNPORE TO HARDOI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | MILES. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Unao, Hardoi, Haridol. | UNAO . . . | 11 | 11 | See Route 89. Country open; road metalled and bridged, fit for all arms; cross the Ganges (ry. bridge) at 3 m. |
| | | RAU . . . | 7½ | 18½ | A small village; supplies on notice; abundant good water from 2 wells, respectively 220 yds. S-W. and 160 yds. S of C-G, site for which is E. of road in a small mango grove; country enclosed and cultivated; road metalled and bridged; pass Dostnagar at 3½, and Thana (p-o.) at 5½ m. |
| | | SAFIPUR 185 x 115 yds. p-o. | 10 | 28½ | A large village; supplies procurable; good water from 8 wells in vicinity of C-G, site for which is in a mango grove; country as in last stage; road metalled and bridged, except over the Mahusi stream (3½ m.), which is always fordable; pass Jamaludinpur at 0½, and Fatehpur at 8½ m. |
| | | BANGARMAU 630 x 160 yds. p-o. | 19½ | 42 | A small town; supplies procurable; good water from 2 wells S and E. of C-G, which is in a mango grove N. of town, about ½ m. from the police stn.; country cultivated; road unmetalled, but raised, bridged and passable for all arms. |
| | | MALLANWAN 60,000 sq. yds. p-o. b. | 11 | 63 | A large town; supplies procurable; good water, for a battn., from a well on, and a tank, near C-G, which is S. of road; country and road as in last stage, but latter difficult for wheeled traffic in rains. |
| | | BILGRAM 210 x 100 yds. p-o. b. | 14 | 67 | A good-sized town; supplies procurable; good water from a well on C-G, which is N. of road and near town; country as above; road as in last stage, but under water in the rains. |
| | | MUNJLAPUR 60,000 sq. yds. | 8 | 76 | A village; supplies procurable; good water, for a battn., from a well in the village; C-G, E. of road; country as in last stage; road metalled and bridged, liable to floods in rains, but practicable for all arms throughout the year. |
| | | HARDOI 450 x 880 yds. p-o. t-s. r-s. | 8 | 84 | A civil stn.; supplies plentiful; abundant good water from 5 wells and 2 tanks in vicinity of C-G, which is named "Quin Bagh," and is situated N. of road; country and road as in last stage. |
| | | Total marches, 8 = 84 m. | | | |

Route No. 149.
FROM CAWNPORE TO JHANSI.
via KALPI, ORAI AND PUNCH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Cawnpore, Cawnpore. | SACHENDI . . . | 18 | 18 | See Route 144(b). |
| | | BARA . . . | 10 | 28 | |
| | | DIGH . . . | 11 | 34 | |
| | | BHOGNIPUR . . . | 7 | 41 | For other remarks, see Route 80. |
| G. O. C. Benares District, Allahabad. | Dr. Commr. of Jalaun, Orail. | KALPI . . . | 7½ | 48½ | See Route 70. |
| | | ATA 500 x 400 yds. p-o. r-s. b. | 10½ | 68½ | A village; supplies on notice; good water, for 2 battns., from a large well on C-G, which is N. of road and opposite r-s.; country cultivated; road as before; pass Doshnagar at 7½ m. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agm. | Dy. Commr. of Jhansi, Oml. | ORAI 60,000 sq. yds. p-o. t-s r-s. b. | 8½ | 68½ | A small town and civil stn.; supplies plentiful; good water, for a battn., from a well in collector's compound; country and road as above; pass Bandha at 2½ and Bahia at 6 m. |
| | | GIRTHAN 320 × 320 yds. | 9½ | 78½ | A village; supplies scarce; plentiful good water from 2 wells on E. side of C-G., which is near village; country and road as above; pass Rini at 3 and Kaithr, at 6 m. |
| | | JAKHOLI 380 × 390 yds. | 10½ | 88½ | A village; supplies on notice; plentiful good water from a well on C-G., which is E. of road, liable to be flooded in the rains; country and road as before; pass Ait (p-o.) at 5 m. |
| | | PUNCH 280 × 260 yds. p-o. r-s. | 9½ | 97½ | A village; supplies on notice; plentiful good water from 2 wells on C-G., which is close to road and village; country flat, open and cultivated; road good, metalled and bridged; pass Perona about half-way. |
| | | MOTH 40,000 sq. yds. p-o. t-s r-s. | 8½ | 106½ | A village; supplies plentiful; good water from wells near C-G., latter close to village and road; country cultivated; road as above. |
| | | SEMRI 320 × 320 yds. | 7½ | 114 | A small village; supplies scarce; good water from 2 wells on C-G., which is close to village; country and road as above. |
| | | CHIRGAON 310 × 285 yds. p-o. t-s r-s. b. | 7½ | 121½ | A village; supplies on notice; good water from 2 wells on C-G., which is close to village; country and road as above. |
| | | BARAGAON 410 × 350 yds. p-o. b. | 9½ | 130½ | A village; supplies on notice; good water from 2 wells on C-G., which is close to the village, liable to be flooded during the rains; country and road as above. |
| | | JHANSI | 6½ | 136½ | See Route 17. |
| | | Total marches, 15 = 136½ m. | | | Country chiefly jungle, rocky and hilly in places; road as above. |
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Route No. 150.
FROM CAWNPORE TO JUBBULPORE.
via HAMRUPUR, MAHOBA AND DAMOH.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh Dist., Lucknow. | Collr. of Cawnpore, Cawnpore. | BIDHNU | 12½ | 12½ | For other remarks, see Route 30. See Route 144. |
| | | GHATAMPUR | 13½ | 26 | |
| | | HAMIRPUR | 18½ | 39½ | |
| | | SUMERPUR | 9½ | 49½ | |
| | Collr. of Banda, Hamirpur, Hamirpur. | MAUDHA | 13 | 62½ | For other remarks, see Route 70. See Route 145. |
| | | KHANNA | 10½ | 72½ | |
| | | KABRAI | 13 | 84½ | |
| | | MAHOBA | 11½ | 96 | |
| | Collr. of Hamirpur, Hamirpur. | SRINAGAR 60,670 sq. yds. p-o. | 9½ | 105½ | A village; supplies procurable; abundant good water from 2 wells on C-G., latter E. of, and close to village; country and road as before. |
| | | MAHARA 400 × 160 yds. b. | 11½ | 116½ | A large village in the Ohhatampur State; supplies on notice; plentiful good water from a well on C-G., which is one furlong N. of village; country hilly and jungle; road as before; the Urmel stream is crossed in 8rd m., fordable over an Irish bridge, except when in flood. |
| | | CHHATARPUR 250 × 160 yds. p-o. b. | 11½ | 128½ | A large town; supplies plentiful; abundant good water from a well near C-G., latter 1 m. S-E. of city; country and road as before. |
| | | MATGAON 137,890 sq. yds. | 9½ | 138 | A small village; supplies procurable; good water from a well near C-G.; country jungle; road metalled and in good order; pass Laloni at 2½ and Choka at 6½ m. |
| | | GULGANJ 350 × 125 yds. p-o. b. | 11 | 149 | A large village; supplies plentiful; good water from a well N-E. of C-G., which is E. of road; country and road as before; pass Khairi at 2½, Angor at 6½, and cross the Panjari stream at 8½ m. |
| | | MULBARA 98,660 sq. yds. b. | 10½ | 159½ | A village; supplies plentiful; good water from 2 wells on C-G., latter near village; country and road as before; pass Magwari at 8½, and cross the Magra Nadi (bridge) at 8½ m. |
| | | SARWA 72,030 sq. yds. b. | 6½ | 166 | A small village; fuel and grass plentiful; good water, for a battn., from a well on C-G., which is ½ m. E. of village; road as before; thick jungle on either side; cross the Siarni R. by a causeway, impassable after heavy rains, at 1½, and pass Melwar at 2 m. |
| | | HIRAPUR 600 × 250 yds. | 9½ | 175½ | A village; fuel and grass plentiful; other supplies on notice; good water from a well and tank ½ m. W. of C-G., which is E. of and near village; country thick jungle; road as before for 6½ m., thence a fair weather road; at 2½ m. cross the Katni R., fordable, except when in flood; at 4½ m. the ascent of the Derga Ghat commences, easy gradient. |
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| | | | | | |
| | | | | | |

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|--|------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Bundaband District, Agre. | Dy. Asst. Bundaband, Nagpur. | BAXWAHO 300 x 260 yds. | 10 | 185½ | A large village; fuel, gram and grass plentiful; camel grazing scarce; good water, for a battn, from a well 100 yds. E. of C-G, which is W. of road; country as before; road, a fair weather track, first 2 m. stony and rough; pass Garahi at 6 and Barrai at 7 m. |
| | | BATIAGARH 61,250 sq. yds. | 13 | 198½ | A village; supplies ample; abundant good water from a stream and well near C-G, which is S.E. of village; country jungly; road unmetalled, passable for all arms, wind over a stony ghāt near Batiagarh, 1½ m. long, very difficult and narrow in places, gradient 1 in 18; cross several nullahs and the Bawkh stream en route, all fordable. |
| G. O. C. Narmada District, Jabalpur. | Dy. Commr. Jabalpur. | NARSINGARH 430 x 200 yds. | 9 | 207½ | A village; supplies procurable; abundant good water from the Sonar R., near which, and W. of village, is C-G, country and road as before; the Sonar R. is crossed in 6th m. by a temporary ferry in rains, 1 large boat to carry 60, and 1 small boat to carry 16 men. |
| | | DAMOH | 13 | 220½ | See Route 37. |
| | | NOHIA 138,160 sq. yds. | 11 | 231½ | Country level and partly cultivated; road metalled for 4 m., remainder unmetalled, bridged, suitable for all arms; cross the Kopra R. in 5th m., the Kukra in 6th and Umri in 8th m. |
| | | JABHERA 72,110 sq. yds. p-o | 11½ | 243½ | A small village; supplies ample; water, for a battn. and battery, from a well on C-G, which is E. of village, country hilly and jungly; road metalled and bridged, suitable for all arms; pass Mirat at 3, Huthal at 6, Abhana at 12 m., and cross the Bidari R. near Nohia. |
| | | SINGRAMPUR 183,800 sq. yds. p-o | 9 | 254½ | A large village; supplies ample; abundant good water from 2 wells in vicinity of C-G, which is W. of village; country and road as before, pass Hanoti at 2 m. |
| | | KATANGI 114,050 sq. yds. p-o | 9 | 263½ | A large village; supplies ample; good water from a well on C-G, latter N. of village; country undulating and jungly; road as above; pass Jamani at 1 and Kunda at 6 m. |
| | | BAILKHARO 20,620 sq. yds. | 18 | 276½ | A small village; supplies procurable; water, for 2 battns, from a well on C-G, which is S.E. of village; country level and cultivated; road as before; cross the Hutan R. (ferry) at 1 m., by a temporary wooden bridge. |
| | | JUBBULPORE | 11 | 287½ | See Route 33. |
| | | Total marches, 28 = | | | Country and road as above; pass through Jabalpur city at 8 m. |
| | | 287½ m. | | | |

Route No. 151. FROM CAWNPORE TO LUCKNOW.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|----------------------------------|---------------------------|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow. | UNAO | 11 | 11 | See Route 89. |
| | | NAWABGANJ p-o. | 13 | 24 | For other remarks, see Route 245. |
| | | BANTHRA 789 x 660 yds. p-o. | 12½ | 36½ | A small village; supplies procurable; abundant good water from 2 wells in vicinity of C-G, small site for which is about 1 m. N. of village; country and road as before; pass Chinnouli at 6½, Barwa at 8, and Nawabganj at 12 m. |
| | | LUCKNOW 400 x 300 yds. p-o. t-s. r-s. b. | 13½ | 49½ | A small village; supplies procurable; good water, for a battn, from 3 wells on C-G, which is ½ m. N. of village; country and road as before; pass Rasulpur at 5½, Hussainpur at 7½, and cross the Sai R. (bridged) at Buni at 8½ m. |
| | | Total marches, 4 = | | | A large cantonment and civil station; supplies and water abundant; C-G. W. of the flight B. 1. Lines; country and road as above; pass the Alina Bugh at 8, and road to the city at 9½ m. |
| | | 49½ m. | | | |

Route No. 152. FROM CAWNPORE TO MORAR. via KALPI, JALAU, INDURKI AND AMAIN.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|------------------------------------|---------------------------|---|----------|-------|-------------------|
| Military | Civil | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Collector of Cawnpore. | SACHENDI | 18 | 18 | See Route 144(b). |
| | | BARA | 10 | 28 | |
| | | DIGH | 11 | 34 | |
| | | BHOGNIPUR | 7 | 41 | |
| G. O. C. Bundaband District, Agre. | Collector of Jabalpur. | KALPI | 7½ | 48½ | See Route 78. |
| | | ATA | 10½ | 59½ | See Route 140. |
| | | ORAI | 9½ | 69½ | |

| AUTHORITIES. | | Names of stages and size of accompanying grounds. | DISTANCES. | | REMARKS. | |
|--|----------------------------|---|------------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Bundelkhand District, Agra. Sindia's Territory. Political Agent at Gwalior, Gwalior. | Collector of Jalaun, Oris. | JALAUN 350 x 200 yds. p-o. l-a. b. | 13 | 81½ | A town; supplies procurable; good water, for 3 battns., from 8 large wells N. of C-G., which is S. of road and ½ m. from town; country and road as above; pass Kukargan at 6, and Bhitari at 11½ m. | |
| | | BANGRA 400 x 400 yds. p-o. b. | 10½ | 92½ | A village; supplies on notice; good water, for 2 battns., from 2 wells on C-G., which is W. of canal; country as above; road metalled for first 6 m., remainder unmetalled, but good; pass Uherga at 4, Kamsara at 6½ and Rura at 7½ m. | |
| | | MOHANA 160 x 120 yds. p-o. | 13½ | 106 | A village; supplies scarce and difficult to collect; good water, for a battn., from 2 wells N. of C-G., site for which is E. of village and 200 yds. S. of road; country barren; road unmetalled, but good for first 6 m., remainder much cut up by nullahs; pass Gopalpur at 6½, cross the Pahuj R. (fordable at) 7, pass Mukoi at 7½, and Chandouk at 12 m. | |
| | | INDURKI | 10½ | 116½ | A large village on right bank of the Sind R.; supplies scarce; good water from the river, on dry gravel bed of which is C-G.; country cultivated; road bad, unmetalled, passing through many ravines; pass Jagannathpura at 5 m. | |
| | | AMAIN 62,000 sq. yds. | 8½ | 124½ | A good-sized village; supplies scarce; good water, for a battn., from 2 wells near C-G., which is in a grove E. of village; country sparsely cultivated; road as above; cross the Sind on starting, fordable, except after heavy rain, when 2 boats, carrying 30 men each, are procurable; pass Arokar at 5 m. | |
| | | DAIGAON 35,000 sq. yds. | 11 | 135½ | A village; supplies scarce; indifferent water, for 2 battns., from a well S.E. of C-G., latter N.W. of village, good, but surrounded by marshy ground; country as above; road fair; cross the Son stream (fordable) at 2, and pass Pargana at 2½ and Mourari at 9 m. | |
| | | SEPOWLI 32,000 sq. yds. | 13 | 148½ | A good-sized village; supplies scarce; good water from the Besuli R., on bank of which is C-G.; country sparsely cultivated; road bad and tortuous, marshy in rains; pass Atara at 2½ and Dhirmand at 8 m. | |
| | | MORAR | 12½ | 161 | See Route 20. Country open, sparsely cultivated; first 4 m. of road very bad, passing through marsh, remainder fair, last 2 m. good, metalled; cross the Besuli R. on starting, pass Ratovar at 4 and Banagan at 10 m. | |
| | | Total marches, 15 = | | | | |
| | | 161 m. | | | | |

Route No. 152(a).
FROM CAWNPORE TO MORAR.
via KALPI, ORAI, KUNCH AND SEONDA.

| AUTHORITIES. | | Names of stages and size of accompanying grounds. | DISTANCES. | | REMARKS. |
|---|---|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. G. O. C. Bundelkhand District, Agra. Sindia's Territory, Political Agent, Gwalior. | Collector of Cawnpore, Cawnpore. | SACHENDI . . . | 13 | 13 | NOTE.—This route is impracticable for carts, and a guide is generally required. See Route 144(b). For other remarks, see Route 20. See Route 76. See Route 149. |
| | | BARA . . . | 10 | 23 | |
| | | DIGH . . . | 11 | 34 | |
| | | BHOGNIPUR . . . | 7 | 41 | |
| | Collector of Jalaun, Oris. | KALPI . . . | 7½ | 48½ | A small village; supplies scarce; good water from a well in village; there is also a well (water slightly brackish) on C-G., which is 300 yds. N. of village; country flat and cultivated; road good and metalled; pass Nuroon at 3, Uargan at 6, and Musai at 9 m. |
| | | ATA . . . | 10½ | 59½ | |
| | | ORAI . . . | 9½ | 69½ | |
| | | HURDOI 250 x 200 yds. | 12 | 80½ | |
| | District Officer, Jalaun, Oris. | KUNCH 230 x 210 yds. p-o. l-a. b. | 8½ | 69½ | A town; supplies plentiful; good water, for a battn., from well on C-G., which is 1 m. E. of town; country and road as above; pass Poniara at 3½, and Bhudari at 5 m. |
| | | NADIAGAON 140 x 120 yds. | 13 | 102½ | A large village with an old fort on right bank of Pahuj R.; supplies on notice; good water, for 2 battns., from a large well on C-G., which is ½ m. E. of village; country as above; road good, but unmetalled; pass Kailia at 4, cross the Kathmandu branch canal at 10, and pass Sikandarpur at 10½ m. |
| | | SEONDA 47,000 sq. yds. p-o. | 10 | 112½ | A town with a large fort on right bank of the Sind; supplies plentiful; good water, for 2 battns., from a large well on C-G., which is ½ m. S.E. of town; country and road as before; cross the Pahuj R. at 1, the Somai R. at Tolabhetra, 4½ (both fordable), pass Barai at 5, Akhwa at 6 and Jalapur at 13½ m. |
| | | RATOWAR 28,000 sq. yds. | 12 | 130½ | A village with a fort on left bank of a small tributary of the Son; supplies scarce; good water, for a battn., from a well at N.W. corner of C-G., latter lying round fort; country hilly and covered with jungle; road bad; cross the Sind at 1 m. by a ford in front of fort; the ford above the Falls is difficult; 2 boats (holding 30 men each) are available above and 2 below the Falls; pass Magroli at 6, Glara at 7, and Daroli at 9½ m. |
| | Sindia's Territory, Political Agent, Gwalior. | BEHUT 500 x 300 yds. | 9 | 139½ | A village with an old fort; supplies difficult to obtain even with notice; good water, for 2 battns., from wells on C-G., which is in a grove N. of village; country and road as before; pass Tikoli at 2, and Baniganua at 3 m. |
| | | BIJOLI . . . 200 x 80 yds. | 13 | 151½ | A village; supplies as above; water, of doubtful quality, for 2 battns., from a well close to, and S. of village; the usual C-G. is bad, confined, and nearly surrounded by swamp; there is a good extensive site (but no well at hand) available for encampment on road 1 m. E. of village; country generally hilly and jungle; road fair, but passes through difficult ravines; pass Bellara at 4, Dyari at 8, and cross the Besali R. (fordable) at 9½ m. |
| | | MORAR . . . | 10 | 161½ | See Route 20. Country open and uncultivated; road bad; pass Soni at 5 m. |
| | | Total marches, 15 = 161½ m. | | | |

Route No. 153. FROM CAWNPORE TO RAE-BARELI.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Deputy Commr. of Rae-Bareli, Rae-Bareli. | Dr. Commr. of Unao, Unao. | ACHALGANJ . . . | 18 | 18 | Country well cultivated and wooded; road for first 4 m. metalled and bridged, thence unmetalled but raised, in bad repair, but passable for all arms; cross the Ganges by the ry. bridge at 2½, pass Banthur at 8, and cross a large nullah (bridged) at 10 m. See Route 89. |
| | | BIGHAPUR . . . | 10 | 28 | |
| | | BIHAR . . . | 12 | 35 | |
| | | SATAON . . . 276 × 220 yds. | 15 | 60 | A village; supplies procurable; abundant good water from 2 wells on, and (for animals) from a tank W. of C-G., which is S. of road near village; country cultivated; road unmetalled, but raised, bridged, and passable for all arms. There is a p-o. at Garbakhshganj, 1½ m. distant. |
| | | RAE-BARELI . . . | 14 | 64 | |
| | | Total marches, 5 = 64 m. | | | See Route 30. Country as in last stage; road as above, except the last 8 m. which are metalled; cross the Sai R. at 12½ m. |

Route No. 153(a). FROM CAWNPORE TO RAE-BARELI. via PURWA AND SATAON.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Deputy Commissioner of Unao, Unao. Dr. Commr. of Rae-Bareli, Rae-Bareli. | | UNAO . . . | 11 | 11 | See Route 30. For other remarks, see Route 149. |
| | | BIOHHA . . . | 10 | 21 | A small village; supplies procurable; good water, for a battn., from 2 wells on extensive C-G., which is about 1 m. E. of village; there is also a well S. of the road; country open and cultivated; road as in last stage; the Cawnpo-Lucknow road is left at 3½ m. |
| | | PURWA . . . 400 × 200 yds. p-o b. | 10 | 31 | A large village; supplies procurable; plentiful good water from 2 wells, one on, and the other close by C-G., which is N. of village; country and road as above; pass Khern at 8½, Hindu Khern at 4, and Mungat Khern at 4½ m. |
| | | MAURANWAN . . . p-o. | 7 | 38 | A large village; supplies procurable; good water, for a battn., from 2 wells, one close to and N. of road, and the other opposite dispensary; animals from a pond; small site for C-G. S. of road; country open and slightly cultivated; road unmetalled but practicable for all arms throughout the year; pass Joyhow at 8 m. |
| | | GULARIAH . . . 495 × 385 yds. | 9½ | 47½ | A small village; supplies on notice; good water from 2 wells in the village; C-G. S. of road, flooded in the rains; country open, partially cultivated, marshy; road as in last stage, but from 6th to 6th m. liable to be inundated in rains. |
| | | SATAON . . . | 6½ | 53½ | Country and road as above. See Route 153. For other remarks, see Route 10. |
| | | RAE-BARELI . . . | 14 | 67½ | |
| | | Total marches, 7 = 67½ m. | | | |

Route No. 154. FROM CAWNPORE TO SITAPUR. via MIANGANJ AND SANDILA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Deputy Commissioner of Unao, Unao. | | UNAO . . . | 11 | 11 | See Route 30. For other remarks, see Route 149. |
| | | NAKHI . . . | 8 | 19 | A small town; supplies on notice; good water, for 1,000 men, from 2 wells situated, respectively, 27 yds. N.-E. and 230 yds. S.-E. of C-G., small site for which is in a grove N. of road; country enclosed and cultivated; road metalled for first 8½ m., but bridged throughout; pass Badaon at 2½, Fura at 6½ and Bela at 6½ m. |
| | | MIANGANJ . . . 20,000 sq. yds. | 9½ | 28½ | A small town; supplies on notice; good water, for a battn., from 2 wells near C-G., site for which is close to road at 8½ m.; country as far as Masulabad (5½ m.) open and uncultivated, thence enclosed and cultivated; road unmetalled, but bridged and passable for all arms across the Tinal at 2 m. |
| | | AURAS . . . 600 × 160 yds. p-o. | 9½ | 38 | A large village near the Sai R.; supplies procurable; good water, for a battn., from 2 wells W. of C-G., which is E. of road, in a grove; country well cultivated and wooded; road as in last stage; pass Kangwan at 4, Arsona at 6, and cross the Sai R. at 8½ m., bridged, but not suitable for heavy wheeled traffic; the river is fordable at all seasons 100 yds. W. of bridge, and 12 boats, carrying 40 mds. each, can also be obtained from Rampur, 2 m. E. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Imokrom. | Dr. Commr. of Stاپور, Sittapur. | SANDILA 2,160 x 240 yds. p-o. t-s. r-s. | 13 | 50 | A large town; supplies procurable; a limited supply of good water from a well on C-G, which is by roadside; country as in last stage; road neither metalled nor bridged, flooded and difficult for wheeled traffic in rains; pass Mallawan at 8, Sunderpur at 10 and Tekra at 11 m. |
| | | THAN 60,000 sq. yds. | 9 | 59 | A small village; supplies procurable; good water from a well on, and from the Betah nullah near C-G, latter being by roadside; country as above; road unmetalled, but raised and bridged, fit for all arms, but liable to be flooded in rains; cross the Loni and Betah streams at 8 and 7 m. respectively; pass Jannu at 4, and Mahmutpur at 8 m. |
| | | BENIGANJ 40,000 sq. yds. | 8 | 67 | A large village; supplies procurable; good water from a well and tank near C-G, which is by roadside; country as above; road unmetalled and unbridged, flooded and difficult for heavy wheeled traffic in the rains; pass Kuthawan at 4, Maroura at 5 and Majhgan at 8 m. |
| | | MISRIKH 33,680 sq. yds. p-o. | 10½ | 77½ | A small town; supplies procurable; plentiful good water from a well on C-G, latter near the telest; country level, open and cultivated; road 60 ft. wide, unmetalled, but raised, bridged and practicable for all arms. |
| | | RAMKOT 24,200 sq. yds. | 7½ | 85½ | A small village; supplies on notice; abundant good water from a well on roadside; C-G ¼ m. E. of village; country level; road as in last stage. |
| | | SITAPUR 880 x 880 yds. p-o. t-s. r-s. b. | 8 | 93½ | A small cantonment and civil etc.; supplies plentiful; good water from 4 wells and the Sarain R. in vicinity of C-G, which is 100 yds. S. of Lucknow road, at entrance to Thompsonganj bazar; country and road as in last stage; the Misholi-Sitapur road is joined near the Sarain R. which is crossed by a trestle bridge. |
| | | Total marches, 10= | | | |
| | | 98½ m. | | | |

Route No. 154(a).
FROM CAWNPORE TO SITAPUR.
via UNAO, BANGARMAU AND SANDILA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Imokrom. | Dr. Commr. of Stاپور, Sittapur. | UNAO | 11 | 11 | For other remarks see Route 89 See Route 148. |
| | | RAU | 7½ | 18½ | |
| | | SANIPUR | 10 | 28½ | |
| | | BANGARMAU | 18½ | 42 | |
| | | BEHTA 100 x 100 yds. | 8½ | 50½ | A small village; supplies on notice; good water, for a battn., from 2 wells, one 800 yds. W., and the other 400 yds. S. of C-G, site for which is ¼ m. from road; country level and open, with occasional cultivation; road, neither raised nor metalled, but nullahs bridged, difficult for wheeled traffic in rains; pass Gotha at 4½, and Mohri Khor at 6½ m. |
| | | SANDILA | 14½ | 64½ | |
| | | THAN | 9 | 73½ | |
| | | BENIGANJ | 8 | 81½ | |
| | | MISRIKH | 10½ | 92½ | |
| | | RAMKOT | 7½ | 99½ | |
| | | SITAPUR | 8 | 107½ | |
| | | Total marches, 11= | | | See Route 154. |
| | | 107½ m. | | | |

Route No. 155.
FROM CHAIBASSA TO SAMBALPUR as far as JHALBERA (for remainder see
Bombay Route Book No. 260).
via CHAKRADHARPUR AND JABAIKELA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Dist., Port William. | Dr. Commr. of Singbhum, Chakrasen. | KHUNTPHANI 200 x 100 yds. | 8 | 8 | A small village; supplies on notice; abundant good water from bunds and wells near C-G, which is 50 yds. N. of village; country hilly; road metalled and strongly bridged; the Roro stream is crossed at 1 m. |
| | | CHAKRADHARPUR 800 x 100 yds. p-o. t-s. r-s. b. | 8 | 16 | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Singhbhum, Chhatisgarh. | ASANTOLIA | 8 | 24 | A small village; supplies on notice; abundant good water from a stream near C-G, small site for which is 600 yds. S. of village; country jungly; road neither metalled nor bridged; cross the Sanjal R. at 8 m., fordable except when in flood. |
| | | SONUA p-o. t-s. r-s. | 6 | 30 | A small village; supplies on notice; abundant good water from a stream, tanks and wells near C-G, small site for which is in r-s. compound; country and road as in last stage. |
| | | DALAİKOLA | 6 | 36 | A small village; supplies must be collected; abundant good water from tanks and wells near small C-G.; country and road as above. |
| | | THORASAU | 6 | 42 | A small village; supplies must be collected; good water from a stream, tanks and wells near C-G, limited site for which is 180 yds. W. of village; country hilly and jungly; road as before, but hill, steep gradient 1 in 10; cross the Kool R. at 4½ m., fordable except after heavy rain. |
| | | ANANDAPUR p-o. | 8 | 50 | A large village; supplies plentiful; good water from two streams and wells; near small C-G., latter 700 yds. W. of village; country level; road neither metalled nor bridged, 20 ft. wide, unfit for heavy wheeled traffic; cross the Sapli R. (fordable except after heavy rain) soon after starting. |
| | | BORANGA | 7 | 57 | A small village; supplies on notice; abundant good water from a stream near small C-G., latter 180 yds. W. of village; country and road as above. |
| | | JARAIKELA p-o. r-s. | 7 | 64 | A small village; supplies on notice; abundant good water from a stream and wells near C-G, limited site for which is on roadside, 70 yds. N-E. of village; country and road as before; cross the Kool at Kopinga, 5 m., fordable, except after heavy rain, when a small ferry pier. |
| | | KUKUDA | 11½ | 75½ | A small village; supplies on notice; good water, for a bath, from a well near C-G, small site for which is close to village; country and road as in last stage; pass Bisma r-s. at 7½ m. |
| | | GABJAN 12,000 sq. yds. | 8½ | 84½ | A small village; supplies on notice; good water from the Brahmini R.; site for C-G. S. of village; country and road as before; pass Bourkela at 4, and cross the Brahmini (fordable with difficulty, ferry to carry 6 persons, ry. bridge over river 2 m. N-E.) at 8½ m. |
| | | LAINGARH | 11½ | 95½ | A small village; supplies on notice; fair water from the Bor stream, on right bank of which and in a small grove is site for C-G.; country and road as before; pass Kulanga at 6½ m. |
| Deputy Commissioner of Sambalpur, Sambalpur. | | JHALBERA | 9½ | 105½ | A small village; supplies on notice; very limited water from a tank near village, close to which and S. of road is also for C-G.; country and road as before; cross the Bor stream on starting. |
| | | Total marches, 13= | | | 106½ m. |

Route No. 155(a).

FROM CHAIBASSA TO SAMBALPUR as far as BALIPASI (for remainder see Bombay

Route Book No. 260 (1)).

via JAINTIGARH AND KEONJHAR.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Singhbhum, Chhatisa. | JORAPUKARIA | 10 | 10 | A small village; supplies on notice; abundant good water from tanks and wells 600 yds. N. of C-G, small site for which is 170 yds. N. of village; country jungly; road 23 ft. wide, unmetalled, nullahs bridged, practicable for all arms |
| | | JOYPUR 200×100 yds. | 11 | 21 | A small village; supplies on notice; good water from streams and tanks in vicinity of C-G, which is 80 yds. W. of village; country as above; road unsuitable for heavy wheeled traffic; nullahs not bridged. |
| | | KEONJHIA 300×200 yds. | 9 | 30 | A small village; supplies from Danna, 4 m. distant; abundant good water from tanks 200 yds. W. of C-G., latter 70 yds. E. of village; country, road and nullahs as above. |
| | | JAINTIGARH p-o. | 6 | 36 | A large village on the Bhatnari R.; supplies on notice; indifferent water from the river, on bank of which, 250 yds. N-W. of village, is small site for C-G.; country, road and nullahs as above. |
| | | KALKA PRASAD 1,700×440 yds. | 10 | 46 | A village; supplies on notice; indifferent water from a stream in the rains, and from 2 tanks in dry weather close to C-G., latter in fields S. of village; country, forest jungle; road unmetalled, 12 ft. wide; nullahs fordable at all times; p-o. at Jaintigarh, 1 m. distant. |
| | | BALIBAND 150×125 yds. | 10 | 56 | A village; supplies on notice; good water, for a bath, from a reservoir and stream 70 yds. E. of C-G, site for which is 800 yds. W. of village; country jungly; road unmetalled, 12 ft. wide, fit for all arms in fair weather; cross 4 unbridged nullahs, fordable except after heavy rain. |
| | | PALASPANGA | 10 | 66 | A village; supplies on notice; good water from a stream N. of village, and from a tank near C-G., small site for which is 400 yds. N-W. of village; country and road as above; cross 4 nullahs en route and also the Ardal R. in 6th m., all fordable, except when in flood. |
| | | KEONJHAR 250×200 yds. p-o. | 12 | 78 | A small town; supplies on notice; good water from a tank near C-G., which is 600 yds. E. of village; country, road and nullahs as in last stage. |
| | | GOPINATHPUR | 6 | 84 | A deserted village; supplies scarce, 21 days' notice required; good water from the Machkandra R. and from stream S-W. of C-G, site for which is N. of village; country hilly and unmetalled; road unsuitable for troops, gradients steep; cross the Machkandra at end of stage, by ford except after heavy rain. |
| | | GODINDPUR 16,000 sq. yds. | 18 | 102 | A small village; supplies on notice; good water from the Girighatti stream; site for C-G. S. of road and 200 yds. from village; country as before; road good for first 6 m. to the Bhatnari R. (always fordable), thence impracticable for wheeled traffic and in places difficult for footmen; gradient is very steep over the Tangpuria Ghat. |
| Superintendent of the Tributary Mahals, Cuttack. | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Supdt. of the Tributary Mahals, Cuttack. | BANKDAR 1,000 x 500 yds. | 7 | 109 | A halting place; supplies on notice; good water from 2 streams, the Makra and Kakhara, at the junction of which is C-G.; country undulating and cultivated; road unmetalled, in bad order and unfit for artillery; cross the Makra (fordable, except in rains) <i>en route</i> . |
| | | BALIPASI 1,200 x 600 yds. | 6 | 114 | A village; supplies on notice; good water from the Makra and Kanja streams in vicinity of C-G., which is $\frac{1}{2}$ m. N. of village; country level and cultivated; road unmetalled, 18 ft. wide, in very bad order, practically impassable; cross the Jantnia R. (fordable, except during rains) <i>en route</i> . |
| | | Total marches 12 = 114 m. | | | |

Route No. 156.
FROM CHAPRA TO DINAPORE.
via PALEZA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|---|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | DUMRI 195 x 195 yds. | 11 $\frac{1}{2}$ | 11 $\frac{1}{2}$ | A small village; supplies on notice; plentiful good water from a well near C-G., which is close to village and on bank of the Ganges; road metalled and bridged for 3 m., thence unmetalled; pass Chomard at 7 m. |
| | | DIGWARA (MANAPORE) p-o. t-s. r-s. | 6 $\frac{1}{2}$ | 18 | A village; supplies on notice; good water, for a battn., from a well close to C-G., which is in a small grove $\frac{1}{2}$ m. W. of village; country open and cultivated; road unmetalled and indifferent, partially raised, is above ordinary, but not above high flood level. |
| | | PALEZA GHAT (on Chapra side of Ganges) | 10 | 28 | Present landing stage of E. I. Ry. for steam-ferry from Digha Ghat (on Patna side); supplies on notice; water procurable from the river; site for C-G. near the ghat; country as before; road in good order, though unmetalled as far as Babagan, $\frac{1}{2}$ m., thence to 8 m., a mere country track, difficult for transport; from this point it is necessary to move across country, there being no road. |
| | | DINAPORE 350 x 270 yds. p-o. t-s. r-s. b. | 6 | 33 | A large cantonment and town; supplies plentiful; abundant good water from 8 wells, and a tank (for animals) close to C-G., which is on the R. A. parade ground; country as above; leave Paleza Ghat and cross the Ganges by a steam-ferry carrying 600 men; land at Digha Ghat where there is a r-s.; thence to Dinapore the road is metalled, but in bad repair, passing through an almost continuous banar. |
| | | Total marches, 4 = 33 m. | | | |

Route No. 157.
FROM CHAPRA TO MUZAFFARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|---|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | GARKHA (i) 150 x 130 yds. (ii) 130 x 130 yds. | 9 $\frac{1}{2}$ | 9 $\frac{1}{2}$ | A small village; supplies on notice; good water, for 2 battns., from a well near C-G., which is S. of road, and near 8th mile-stone; there is also another encampment site on both sides of the Chervand-Garkha road with a well in vicinity; country open and cultivated; road metalled, nullahs bridged, passable for all arms; pass Mohan at 3, Aloni at 7 m., and cross the Garkha stream (bridged, and also fordable except after heavy rain) at end of march. |
| | | MAKAIR | 14 $\frac{1}{2}$ | 21 | A village; supplies on notice; indifferent limited water from a well; C-G. small, W. of road at 24th mile-stone; country as above; road unmetalled, nullahs bridged, passable for all arms in dry season; pass Kutan at 8, and Pholwaria at 10 $\frac{1}{2}$ m. |
| | | BAKRA 140 x 100 yds. p-o. | 4 $\frac{1}{2}$ | 29 $\frac{1}{2}$ | A village; supplies on notice; good water from a well and tank near C-G., site for which is 200 yds. W. of village; country cultivated; road as in last stage; cross the Gandak at Rowa Ghat, 1 m., by ferry, 5 large boats, each carrying 60 men. |
| | | MARWAN 150 x 100 yds. | 12 | 40 $\frac{1}{2}$ | A village; supplies on notice; good water, for 2 battns., from 2 wells and (for animals) from a tank; C-G. $\frac{1}{2}$ m. E. of village; country well cultivated; road partly metalled, bridged throughout; pass Burya Indigo factory at 4 m. where the Bura stream is crossed by a masonry bridge. |
| | | MUZAFFARPUR 175 x 165 yds. p-o. t-s. r-s. | 8 $\frac{1}{2}$ | 49 $\frac{1}{2}$ | A small civil stn. and town on right bank of the Ber Gandak; supplies abundant; plentiful good water from 2 wells on, and (for animals) from a tank 160 yds. W. of C-G., which is $\frac{1}{2}$ m. S-E. of r-s.; country and road as before; latter fit for all arms. |
| | | Total marches, 6 = 49 $\frac{1}{2}$ m. | | | |

Route No. 158.
FROM CHITTAGONG TO AKYAB (BY ROAD AND RIVER).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Chittagong, Chittagong. | PUTYA | 12 | 12 | A village; supplies on notice; good water from a tank and from the Strimni stream; extensive site for C-G. available on paddy fields 400 yds. S-E. of village; country flat and cultivated; road 10 ft. wide, unmetalled; cross the Kornafuli R. on starting, by a ferry of 1 cattle, and 20 passenger boats carrying 12 men each; 3 strongly bridged nullahs are also crossed <i>en route</i> . |
| | | DAHAZARI | 12 | 24 | A village; supplies scarce; good water from the Bangu stream; C-G. as above, E. of road and 200 yds. from stream; country and road as above; nullahs are bridged and fit for field artillery. |

| AUTHORITIES | | Name of stage and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|-------|--|----------|---------|---|
| Military | Civil | | Miles | Total. | |
| G. O. C. Presidency District, Fort William. | | Collector of Chittagong, Chittagong. | | | |
| | | CHUNATH . . . | 15 | 30 | A village; no supplies; good water from 2 tanks, 3 m. S. of village and close to C-G., which is on paddy fields; country and road as above; cross the Sangu on starting, by a ferry of 2 small boats and 1 cattle-boat; the nullahs are either bridged or fordable. |
| | | CHAKARIA . . . 88,720 sq. yds. p-o. | 15 | 54 | A village; supplies must be collected; good water from Matamori R. in fields on banks of which is C-G.; country jungly; road as above; the bridges over the nullahs will not bear guns. |
| | | DULABAZARIA . . . | 9 | 63 | A village; supplies on notice; good water from the Bagobherri stream, on bank of which and 400 yds. D. of village is site for C-G.; country undulating and jungly; road fair, unmetalled, 15 ft. wide; cross the Matamori R. on starting, by a ferry of 1 large boat; cross also 2 streams and 8 nullahs, bridged temporarily, unfit for artillery. |
| | | IDGONG . . . | 9 | 72 | A village; supplies on notice; good water from the Idgong R. on bank of which and 200 yds. D. of village is site for C-G.; country as above; road fair, unmetalled, 8 ft. wide, steepest gradient 1 in 15; cross 3 streams and 2 nullahs, of the former 1 stream temporarily bridged, not fit for artillery, and 2 are crossed by ferries, each consisting of 2 large boats. |
| | | RAMU . . . p-o. t-s. | 11 | 83 | A large village; supplies procurable; good water from the Baglali R., on N. bank of which and 100 yds. E. of village is site for C-G.; country and road as before; cross 3 streams, 2 bridged and 1 fordable; also 9 nullahs, all bridged; bridges are temporary and unfit for artillery. |
| | | RUMKA . . . | 12 | 95 | A village; supplies on notice; good water from tanks, and from a stream 400 yds. S. of C-G., latter in fields 800 yds. N. of village; country flat; road as above; cross 5 streams, 4 by ford and 1 by a ferry of a single large boat; 8 nullahs temporarily bridged, unfit for artillery. |
| | | UKHIA . . . p-o. | 9 | 104 | A small village; supplies must be collected; abundant good water from a small stream, in fields on S. bank of which is C-G.; country jungly; road as before; cross one river (fordable) and 6 nullahs bridged with mat bridges, not fit for artillery. |
| | | MAUNGDAW (by water), p-o. t-s. b. | 85 | 189 | A small town; plentiful supplies; good water for 1,000 men from tanks 1 m. N-E. of C-G., for which there is an extensive site in fields near the river, 1 m. from kaehori; country open and cultivated. There is no road from Ukhia now, and the journey must be made by boat. Several boats, 64 by 14 ft., always available. |
| | | BUTHIDAUNG 81,600 sq. yds. p-o. b. | 14 | 163½ | A village on the Mayu B.; supplies on notice from Akyab by launch; good water from a tank 150 yds. N. of village and from several wells close by; C-G. in compound of dāk b., also on waste ground to W.; country as above; road, metalled 19 ft., total width 50 ft.; cross 3 streams and 67 nullahs, all fordable when not bridged. |
| Deputy Commissioner of Akyab, Akyab | | AKYAB 180,600 sq. yds. p-o. t-s. | 80 | 238½ | A large civil sta.; supplies in abundance; plentiful good water from a small creek, 80 yds. N. of which is a site for C-G.; there is also another encampment site S-W. of town and 1 m. from the main wharf; country well cultivated. There was an old road 40 or 50 years ago along the coast from Maungdaw via Alethangyaw, Indin, Angamaw and Yechanbyin, but it has been abandoned for many years; the bridges are all broken, and the road is unsuitable for troops. The journey must be made by boat; small steamers run thrice a week taking 10 to 12 hrs.; any number of boats of any size available from Akyab on 3 days notice. |
| | | Total stages, 12= | | 238½ m. | |

Route No. 159.
FROM CHITTAGONG TO LAMA (CHITTAGONG HILL TRACTS).
via CHANDERGONA AND RUMA.

| AUTHORITIES | | Name of stage and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|-------|---|----------|--------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | | Collector of Chittagong, Chittagong. | | | |
| | | HATHAZARI . . . p-o. t-s. | 12 | 12 | A large village; supplies on notice; abundant good water from a tank 40 yds. E. of C-G., small site for which is in market place 1½ m. W. of village; no other land available; country cultivated; road 20 ft. wide, unmetalled, but fit for all aims; there are 33 nullahs in this stage, all strongly bridged. |
| | | RAOZAN . . . p-o. t-s. | 8 | 20 | A large village; supplies on notice; good water from tanks E. of Salkanpur; several plots of ground are available for encampment and are quite close to the existing small C-G., which is N-W. of village; country as above; road unmetalled, 10 ft. wide; cross the Haldi R. at Sarta Ghat in the 3rd m., by a ferry of 1 cattle-boat and 1 small boat carrying 12 men; 19 nullahs are crossed en route, bridged as above. |
| | | KALIPUR . . . p-o. | 12 | 32 | A small village; supplies on notice; good water from the Isamati R.; small C-G. at Khana Cherri (80th m.) in market place, on river bank; country hilly and jungly; road unmetalled, 12 ft. wide, gradients steep in places; nullahs all bridged; cross the Isamati R. in 80th m., fordable, except in heavy rains, when 1 small boat is available. |
| | | CHANDERGONA . . . 600 × 300 yds. | 11 | 43 | A small village on right bank of the Kornafuli B.; supplies on notice; good water from the river; C-G. ½ m. W. of village; country as in last stage; road, a mere pathway; the bridges over the nullahs are unsuitable for artillery. |
| | | BANDARBAN . . . 250 × 200 yds. p-o. | 20 | 63 | A village on the Sangu R.; supplies on notice; good water from the river; C-G. in front of the police post; country, road and nullahs, as in last stage; cross the Kornafuli B. at beginning, and the Sangu at end of stage, by ferry of 1 small boat at each river. |
| | | RUMA . . . 300 × 200 yds. | 18 | 76 | A village; supplies on notice; good water from the Sangu R.; C-G. near police post; country, road and nullahs as before. |
| | | LAMA . . . | 30 | 106 | A small village; no supplies available; good water from the Matamori R., on bank of which is site for small C-G. ½ m. W. of village; country and road as above; the Matamori is crossed 6 times, fordable in dry weather, no ferries in rains. |
| | | Total marches, 7= | | 106 m. | |
| | | Deputy Commissioner of Chittagong Hill Tracts, Rangamati. | | | |

Route No. 160.
FROM CHITTAGONG TO SIRTHAY TLANG (CHITTAGONG HILL TRACTS).
via HATHAZARI AND RANGANATI.

101

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Chittagong Hill Tracts, Ranganati. Deputy Commissioner of Chittagong Hill Tracts, Ranganati. | HATHAZARI . | 12 | 12 | See Route 159. |
| | | RAOZAN . | 8 | 20 | |
| | | KALIPUR . | 12 | 32 | |
| | | RANGANATI 500 x 300 yds. p-o. t-s. | 13½ | 45½ | A small town and hd-qtr. of civil division; supplies on notice; good water from the Kornafuli R., on bank of which, N. of road, and about 400 yds. from town, is O-G.; country hilly and jungly; road unmetalled, 5 to 6 ft. wide, gradients 1 in 10 to 1 in 25; water route from here to Chittagong always available. |
| | | SHULULONG . | 11 | 56½ | A village; supplies would have to be brought from previous stage or from Chittagong; small O-G. close to road; country and road as above; good water from the Kornafuli R.; cross the Kornafuli on starting, ferry boat, carrying 10 persons, available. |
| | | OLD STOCKADE . | 11 | 67½ | A halting place; supplies must be obtained from Chittagong; good water from the Kornafuli; O-G. close to road on N. side, very small, but no other site available; country and road as before. |
| | | TEGHA KHAL . | 18½ | 86 | A halting place on bank of the Tegha Khal; supplies from Chittagong; good water from the river; jungle must be cleared for O-G.; country and road as above; the suspension bridge for foot passengers and cattle over the Tegha Khal is unfit for artillery. |
| | | SIRTHAY TLANG . | 12 | 98 | A small village; no supplies; good water from the Sirthay stream; jungle must be cleared for O-G.; country as above; road as in last stage as far as Demagiri, 6 m., gradient 1 in 10 to 1 in 16; thence only a foot-path, gradient 1 in 10; cross the Kornafuli R. at Demagiri, unfordable; 200 boats carrying 30 to 200 mds. each are procurable from Chittagong. |
| | | Total marches, 8 = 88 m. | | | |

Route No. 161.
FROM COMILLA TO AGARTALA, in Hill Tipperah.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Tipperah, Comilla. | SARKOCHAIL b. | 10 | 10 | A village; supplies on notice; plentiful water from a tank close to the b., in compound of which is limited O-G.; road 16 ft. wide, unmetalled, but partly bridged and good; cross an unbridged stream by ferry, 1 boat carrying 20 men. |
| | | NAYANPUR r-s. b. | 6 | 16 | A village; few supplies; water from a stream running close to the b., in compound of which is limited O-G.; country liable to inundation; road as above; nullahs bridged; cross a stream unbridged, by a ferry-boat, carrying 25 men. |
| | | KASHA b. | 6 | 22 | A village; few supplies; water from a large tank; limited O-G. in b. compound; country, road and nullahs as in previous stages; cross a stream by a ferry carrying 15 men. |
| | | AGARTALA . 33,720 sq. yds. p-o. b. | 12 | 34 | The largest place in Hill Tipperah; few supplies procurable; good water from a tank and the Dudua R.; O-G. in the Agency compound; road and nullahs as in previous stages; cross 3 unbridged streams by ferry, 1 boat carrying 15 men at each; during the rainy season these streams are temporarily bridged with bamboo. Mogra r-s. is 6 m. W. of Agartala. |
| | | Total marches, 4 = 34 m. | | | |

Route No. 162.
FROM COMILLA TO NOAKHALI.
via BEGAMGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Tipperah, Comilla. Collector of Noakhali, Noakhali. | BAQMARA b. | 9 | 9 | A village; supplies procurable; good water from tanks; limited O-G. in b. compound and on road-side; road, unmetalled with the exception of 1 m., bridged and fit for all arms. |
| | | LAKSAM p-o. r-s. b. | 7 | 16 | A village; supplies procurable; abundant, but rather indifferent, water from tanks; small O-G. in b. compound, 3 acres of land also available near the centre tank; road unmetalled, but strongly bridged. |
| | | BARULA . | 10 | 26 | A village; supplies must be collected; good water from tanks close to O-G., site for which is in paddy fields; country low, but well cultivated; road unmetalled; 14 nullahs unbridged, fordable except after heavy floods. |
| | | BEGAMGANJ p-o. | 11 | 37 | A village; supplies on notice; indifferent water from tanks; O-G. in paddy fields; country, low rice swamps interspersed with plantations; road unmetalled, raised and partially bridged, but bridges unfit for artillery; the unbridged nullahs are fordable, except during rains, when temporary foot-bridges are erected. |
| | | NOAKHALI p-o. t-s. b. | 10 | 47 | A small civil stn.; supplies abundant; water from tanks, but of inferior quality; O-G. as in previous stage; country as above; road unmetalled, bridged throughout, but bridges unfit for artillery; nullahs fordable, except during the rainy season. |
| | | Total marches, 5 = 47 m. | | | |

Route No. 162(a).
FROM COMILLA TO NOAKHALI.
via FENI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|------------------------------|--|----------|--------|---|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Presidency District, Fort William. | Colt. of Transport, Comilla. | JOBEKARN 200 x 100 yds. b. | 10 | 10 | A village; supplies must be collected; good water from tanks; C-G in b. compound; country low, but well cultivated; road unmetalled with 8 nullahs, all strongly bridged. |
| | | BAIDYA BAZAR b. | 13 | 23 | A village; supplies must be collected; water from a very large tank close to C-G, which is in b. compound; country as in last stage; road as above with 14 nullahs, all bridged and fit for artillery. |
| | | FENI p-o. t-s. r-s. | 16 | 37 | A stn on the Assam-Bengal Ry.; supplies on notice; inferior water from tanks; C-G in paddy fields of unlimited extent; country and road as before. |
| | | DAGON BHUYA | 9 | 40 | A village; supplies on notice; good water from tanks; C-G as above; country, low rice average interspersed with plantations; road unmetalled but in fair order except for 1 m. where it is broken down by floods from the Little Fenny R.; there are no means for crossing this part of the road and it is practically impassable; two unbridged nullahs are crossed by ferry and the Little Fenny R. is crossed at Silonia (6 m.), 4 boats carrying 80 men each. |
| | | KABIRHAT | 9 | 55 | A small village; supplies on notice; indifferent water from tanks; C-G, country and road as above. |
| | | NOAKHALI | 6 | 61 | See Route 162. |
| | | Total marches, 6 = 61 m. | | | Country and road as in last stage. |

Route No. 163.
FROM COOCH-BEHAR TO BAKSA-DUAR (BAXA).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|----------------------------------|--|----------|--------|--|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner, Jalpaiguri. | ALIPUR 15,000 sq. yds. p-o. t-s. b. | 12 | 12 | A civil stn; supplies procurable; good water from the Kaljani R. and wells; C-G confined; country well cultivated; road unmetalled and above flood-level; nullahs strongly bridged; cross the Kaljani R. close to Alipur, unbridged, but fordable during the cold season; 2 ferry-boats, each capable of carrying 4 laden carts, and other small boats, available. |
| | | RAJABHAT KHAWA. | 10 | 22 | A small place within Govt. reserve forest; supplies on notice; water from Jhern R. but unwholesome; C-G small; country covered with shi forests; road as in last stage; during the rains this would be a bad stage to halt at. |
| | | SANTRADARI | 9 | 31 | A small place; supplies must be collected; plentiful good water from a stream on C-G, small site for which is N. of road; road, as before, passes through dense jungle. |
| | | BAKSA-DUAR (BAXA) p-o. t-s. | 2½ | 38½ | A small military cantonment; good water from springs; small C-G on parade ground; road unmetalled and bad; there is a steep ascent nearly all the way. |
| | | Total marches, 4 = 38½ m. | | | |

Route No. 164.
FROM COOCH-BEHAR TO GAUHATI.
via RUPSHI, and THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|---|--|----------|--------|---|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Cooch Behar, Cooch Behar. | TUFANGANJ p-o. | 12 | 12 | A village on left bank of the Kaljani R., supplies obtainable from Dabramper, 2 m. S-W.; good water from the river, near which is small site for C-G; country open and cultivated; road unmetalled, 16 ft wide; existing bridges are capable of bearing laden carts; cross the Kaljani at end of march and other streams en route by ferry. |
| | | KHERNARI HAT | 8½ | 20½ | A small village on the Raidal R.; supplies on notice; good water from the river; extensive site for C-G on cultivated land near village; country, road and bridges as above. |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Goalpara, Dibruti. | AGAMANI p-o. b. | 6½ | 27½ | A small village on right bank of the Gangadhar; supplies on notice; good water from the river, close to which, and near b. is fair-sized C-G; country and road as in last stage; cross the Raidal on starting by ford in dry season, by ferry in the rains. |
| | | RUPSHI (KHAGRA-BARI). p-o. | 9 | 36½ | A village; supplies on notice; water from wells, and also from the Gadadhar R.; ample space for encampment near village; country and road as in last stage; cross the Gangadhar on starting, by ferry, and pass Paritalganj at 4½ m. |
| | | DHUBRI 12,100 sq. yds. p-o. t-s. b. | 10½ | 46½ | A civil stn. on right bank of the Brahmaputra, supplies on notice; abundant good water from wells; site for C-G. W. of town; country and road as above; pass Gauripur at 6 m. A steam-ferry crosses the Brahmaputra twice daily and leaves the opposite bank one hour later on its return trip. A mail steamer leaves daily for Calcutta, and also for Assam. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|------------------------------------|--------------------------------|--|------------------|--------|----------|----------------|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Kachar, Gauhati. | Deputy Commissioners of Gopinagar, Dibrui. | JAMADARHAT . . . | 0 | 56½ | See Route 205. |
| | | LAKHIPUR . . . | 13 | 69½ | | |
| | | BAIDA . . . | 9½ | 78½ | | |
| | | AGIA . . . | 10½ | 88½ | | |
| | | KRISHNAI . . . | 8½ | 96½ | | |
| | | DARANGIRI . . . | 13½ | 110½ | | |
| | | DHUPDHARA . . . | 11½ | 122 | | |
| | | BOKO . . . | 10 | 132 | | |
| | | CHAITGAON . . . | 12 | 144 | | |
| | | PALASBARI . . . | 12 | 156 | | |
| | | GAUHATI . . . | 14 | 170 | | |
| | | Total marches, 16 = 170 m. | | | | |

Route No. 165.
FROM COOCH-BEHAR TO GOALPARA.
via AGAMANI, AND THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Name of stages and place of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr., Cooch-Bihar, Cooch-Behar. | TUPANGANJ . . . | 12 | 12 | See Route 164. |
| | | KHERBARI HAT . . . | 8½ | 20½ | |
| | | | | | |
| G. O. C. Assam District, Shillong. | Dr. Commr., Goalpara, Dhubri. | AGAMANI . . . | 6½ | 27½ | See Route 205. |
| | | RUPSHI (KHAGRA-BARI). . . | 0 | 36½ | |
| | | DHUBRI . . . | 10½ | 46½ | |
| | | JAMADARHAT . . . | 0 | 56½ | |
| | | LAKHIPUR . . . | 13 | 68½ | |
| | | BAIDA . . . | 9½ | 78½ | |
| | | AGIA . . . | 10½ | 88½ | |
| | | GOALPARA . . . | 8½ | 97 | |
| | | 66,000 sq. yds. p-o. t.e. b. | | | A small civil stn. on left bank of the Brahmaputra; supplies on notice; good water from the river; C-G. W. of village; country partly cultivated; road 12 ft. wide, unmetalled, but bridged and fit for all arms in dry season. |
| Total marches, 10= | | | | | |
| | | 97 m. | | | |

Route No. 165(a).
FROM COOCH-BEHAR TO GOALPARA.
via FULKUMAR, AND THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr., Cooch-Bihar, Rangpur, Rangpur, Cooch-Bihar. | BALRAMPUR . . . | 12½ | 12½ | A large village; supplies limited; inferior water from tanks near small C.G.; country well cultivated; road unmetalled, 16 ft. wide, bridged except over the Torra R., which is crossed by ferry at 2½ m. |
| | | FULKUMAR p.o. | 8½ | 21½ | A small village; no supplies; abundant good water from the Fulkumar stream, near which, and close to police outpost, is limited C.G.; country as before; road neither metalled nor bridged, 12 ft. wide. |
| | | ANDARIJHAR . . . | 8½ | 20½ | A village; no supplies; water from the Fulkumar stream ½ mile distant; C.G. in fields; country as above; road a mere track, 16 ft. wide; cross the Jhakirdara stream by a ferry carrying 12 men. |
| | | BARUBARI . . . | 10½ | 40 | A small village on the Dudkumar stream from which unlimited water can be obtained; no supplies; C.G. in fields close to stream; country and road as in last stage; cross the Fulkumar at Rajganj by a ferry carrying 10 men. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner, Goalpara, Dibrui. | PATAMARI . p-o. b. | 6½ | 46½ | A village; supplies limited; good water from a well near b., and from wells in village; site for large encampment in dry season close to b.; country low-lying; road unmetalled, 10 ft. wide, not suitable for wheeled traffic; cross the Dood-lumar soon after starting, and the Kumardanga, Sunkos and Torra rivers en route, all fordable except in rains, when a ferry, carrying 20 men at a trip, plies across each. |
| | | DHUBBI . | 10½ | 57 | |
| | | JAMADARHAT . | 0 | 60 | |
| | | LAKHIPUR . | 18 | 70 | See Route 164. Country and road as in last stage; the Gangadhar R. is crossed by ferry in the early part of the stage; two other streams are also crossed en route, fordable in dry weather, ferries in rains. |
| | | BAIDA . | 9½ | 89½ | |
| | | AGIA . | 10½ | 99½ | |
| | | GOALPARA . | 8½ | 107½ | See Route 165. |
| | | Total marches, 11= | | | |
| | | 107½ m. | | | |

Route No. 166.

FROM COOCH-BEHAR TO JUMM DUAR AND SUNKERMUKH (BHUTAN FRONTIER).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | CHILAKHANA . 17,500 sq. yds. | 0 | 0 | A village on the Kaljani; supplies procurable; good water from the river; C-G. in fields; country jungle; road unmetalled, but raised, bridges of wood and capable of carrying laden carts, but not elephants; cross the Kaljani R. by ferry at end of march. |
| | | FULBARI . 50,000 sq. yds. p-o. | 0 | 16 | |
| | | BHAIS-KUCHI . | 9½ | 24½ | A large village on the Raidak R.; supplies procurable; good water from the river; C-G. in fields; country, road and bridges as above; the Raidak, fordable dry season, is crossed by a ferry in rains. |
| | | GABAD HAT . 100,000 sq. yds. | 6½ | 31 | |
| | | DALDALI . 40,000 sq. yds. | 7 | 38 | A small village; supplies must be collected from Kumargaon, near Haldibari; abundant good water from the irrigation canal; C-G. in fields; road unmetalled; nullahs strongly bridged with timber. |
| | | HALDIBARI . 75,020 sq. yds. | 0 | 47 | |
| | | JUMM DUAR . | 8 | 55 | A pass (now included in Govt. Reserve Forest Land) over a low, rocky hill some 200 ft. high; no C-G. available; water from the Jhoras R.; road a mere foot track. |
| | | Total marches, 7= | | | |
| | | 55 m. | | | |
| | | SUNKERMUKH . | 12 | 69 | A Bhutan village, at the foot of the hills N-W. of Haldibari, on the bank of the Raidak R.; supplies scarce; water plentiful from the river; road as in last stage. |
| | | Total marches, 7= | | | |
| | | 69 m. | | | |

Route No. 167.
FROM DACCA TO BOGRA.
via GOALUNDO, SIRAJGANJ AND SHERPUR.

105

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dacca, Dacca. | PHULBARIA | 14 | 14 | A village on left bank of the Dhaleswari; supplies on notice; water from the river, near which, in the dry season, is extensive C-G.; country low-lying; road 20 ft. wide, unmetalled, liable to be flooded in the rains; pass Mirpur at 8 m.; cross the Turag R. at 8th and 10th m. by ferry, carrying 35 men at a trip. |
| | | MANIKGANJ p-o. t-s. | 17 | 31 | A large village on bank of the Dhaleswari; supplies on notice; good water from the river, on bank of which, in the dry season, is extensive C-G.; country and road as in last stage; cross the Dhaleswari at 1 by ferry, the Luapur Khal at 6, and pass Singair at 8 m., where a halt might be made near the Dhaleswari R.; nullahs fordable, bridges generally unfit for artillery. |
| | | MAHADEBPUR p-o. b. | 10 | 41 | A village; supplies on notice; water scarce, sufficient for 250 men only, from a small tank; C-G. spacious; country and road as before; cross the Bistha in the 1st, and the Kantabati R. in the 10th m., one ferry-boat, carrying 30 men, at each river. |
| | | GOALUNDO p-o. t-s. r-s. | 8 | 49 | A large town on the Ganges; supplies plentiful; good water from the river, in paddy-fields near which is C-G.; country and road as before; cross the Ganges by ferry at end of stage; the whole country is submerged during the rains by the over-flowing of the Ganges. |
| | Collector of Pabna, Pabna. | BERA | 10 | 68 | A large town at the junction of the Isamati, Barral and Ursagar rivers; supplies procurable; good water unlimited; C-G. in paddy fields; country subject to inundations; road 20 ft. wide, unmetalled, only a fair weather track; cross the Ganges, en route, by a ferry consisting of numerous country boats. |
| | | BEKUCHI p-o. | 18 | 80 | A collection of several small villages; supplies on notice; unlimited good water; C-G. as above; country and road as in last stage, with 4 nullahs unbridged, but fordable; cross the Ursagar by ferry on starting. |
| | | SIRAJGANJ 800 x 100 yds. p-o. b. | 10½ | 96½ | A large town with abundant supplies and water; C-G. close to b.; road unmetalled, but raised for the first 4½ m. the rest is merely a fair weather track; cross 2 branches of the Ursagar R. en route, fordable in dry season, ferry in rains (1 boat at each). |
| | Collector of Bogra, Bogra. | CHANDAİKONA 160 x 100 yds. p-o. | 15 | 111½ | A large village, with plentiful supplies; abundant good water from the Phuljori R., on bank of which is site for C-G.; country low-lying; road neither metalled nor bridged; cross the Phuljori R. at Dhangua by a ferry consisting of 3 boats, carrying 25 men each. |
| | | SHERPUR p-o. t-s. | 12 | 123½ | A town, situated on right bank of the Karattia; supplies procurable; good water from the river, in bed of which, in dry season, or on waste land, are sites for C-G.; country cultivated, with patches of scrub-jungle here and there; road unmetalled, 18 ft. wide; all streams strongly bridged except one, which is crossed by ferry at Ghughas. |
| | | BOGRA p-o. t-s. b. | 13 | 136½ | A civil stn. on right bank of the Karattia R.; supplies and water plentiful; sites for C-G. in b. compound or in paddy fields close by; country and road as in last stage; all nullahs have masonry bridges capable of bearing artillery; pass Aisara at 6, and Balitgari at 11 m. |
| | | Total marches, 10 = 136½ m. | | | |

Route No. 168.
FROM DACCA TO COMILLA.
via DAUDKANDI.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---------------------------------|--|----------------------------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dacca, Dacca. | NARAYANGANJ p-o. t-s. r-s. b. | 10 | 10 | A town on right bank of the Lukhya; supplies plentiful; abundant water from the river, on bank of which, in dry season, is extensive C-G.; country low-lying; road 20 ft. wide, metalled and bridged, fit for all arms, but submerged during high floods. |
| | | BAIDER BAZAR p-o. | 8 | 18 | A small village on right bank of the Nowadi; supplies procurable; good water from the river; site for C-G. in fields; country as above; road 12 ft. wide, unmetalled, bridged, liable to be submerged from 2nd to 6th m. during the rains; cross the Lukhya R. on starting and the Brahmaputra in the 3rd mile, by ferry, 2 boats at each river. |
| | Collector of Tipperah, Comilla. | DAUDKANDI p-o. b. | 12 | 30 | A village; supplies on notice; good water from the Megna R.; site for C-G. in b. compound; country as above; road 15 ft. wide, unmetalled but bridged and fit for all arms. |
| | | ELLIATGANJ p-o. b. | 11 | 41 | A village; supplies on notice; water, for a battn., from a small tank near C-G., small site for which is in b. compound; country and road as in last stage. |
| | | BARKANTA p-o. b. | 9 | 50 | A village; supplies on notice; plentiful water from tanks near C-G., site for which is in b. compound; country and road as above. |
| | | COMILLA 50,000 sq. yds. p-o. t-s. b. | 12 | 62 | A civil stn.; abundant supplies; good water from tanks and the Guntal R., on bank of which and in the Park is C-G.; country and road as above, except that the last mile of the latter is metalled. |
| NOTE.—This route was originally from Dacca to Chittagong, but the road in the Chittagong District was reported as being impracticable owing to the encroachments of the Little Foxey R. The following were the stages from Comilla:— | | | | | |
| Total marches, 6 = 62 m. | | | Miles. | Total. | |
| | | | Jorokam | 10 | 73 |
| | | | Dalaya Bazar | 12 | 84 |
| | | | Muhammad-Ali-Hat | 10 | 94 |
| | | | Dhar Bhurra | 10 | 104 |
| | | | Joraganj (p-o. t-s.) | 12 | 116 |
| | | | Sitakunda (p-o. t-s.) | 12 | 128 |
| | | | Kaddam Hasan | 12 | 140 |
| | | | Chittagong (p-o. t-s.) | 12 | 152 |

Route No. 169. FROM DACCA TO GOALUNDO.

| AUTHORITIES | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|------------------------------|--|---------------------------------------|--------|------------------|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Presidency District, Fort William. | Colr. of Faridpur, Faridpur. | Collector of Dacca, Dacca. | PHULBARIA | 14 | } See Route 107. | NOTE.—The best way for troops to go from Dacca to Goalundo is by steamer or country boat. In the dry season the route is by the Padda, Kachiatla and Megna rivers, distance 107 m., time 80 hours. In the rains the route is by the Jamuna, Gughhatta and Dhaleswari rivers, distance 61 m., time 15 hours. |
| | | | MANIKGANJ | 17 | | |
| | | | MAHADEEPUR | 10 | | |
| | | | SHIVALAYA . (SHIALO). p-o. t-s. | 7 | | |
| | | | GOALUNDO | 8 | 48 | A village on left bank of the Ganges; supplies on notice; good water from the river, on cultivated land, on bank of which is extensive site for G.O.; country as in previous stage; road 20 ft. wide, unmetalled, raised, but subject to inundation; cross the Kantabati R. at 4 m., fordable in dry season, at other times there is a ferry carrying 35 men. |
| | | | Total marches, 5 = 51 m. | | 61 | See Route 107. |

Route No. 170. FROM DACCA TO MYMENSINGH.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. | |
|---|--------------------------------------|---|---------------------------------|-------|----------|--|
| Military | Civil. | | Miles | Total | | |
| G. O. C. Presidency District, Fort William. | Collector of Mymensingh, Mymensingh. | Collector of Dacca, Dacca. | MURAPARA . ½ sq. m. | 11½ | 11½ | A village on left bank of the Lakhya R.; supplies on notice; good water from the river, on bank of which, in the dry season, is C-G.; country low-lying; road unmetalled, 16 ft. wide, not raised, only passable during the dry season; cross the Balu R. at 7 m., and the Lakhya at end of stage, by ferry (8 boats carrying 35 men each, at each river). |
| | | | PANCHDONA ½ sq. m. p-o. | 12 | 23½ | A small village; supplies must be collected; water of indifferent quality from a large tank in vicinity of C-G.; country and road as above; 1 nullah is crossed en route by a ferry carrying 16 men. |
| | | | GARBARIA . ½ sq. m. | 12½ | 36 | A small village; supplies on notice; water of inferior quality from a large jheel near C-G.; country and road as in last stage. |
| | | | SAGARDI . ½ sq. m. | 12 | 48 | A small village; supplies must be collected; good water from the Brahmaputra R., on bank of which is C-G.; country high and not subject to inundation; road only passable in dry season. |
| | | | TOKE . ½ sq. m. b. | 4 | 52 | A small village at the junction of the Brahmaputra and Banar rivers; supplies on notice; good water from latter river; C-G., country and road as in last stage. |
| | | | DUTTA BAZAR 20,000 sq. yds. | 5 | 57 | A village; supplies on notice; abundant good water from a stream; C-G. in fields when not under cultivation; country and road as in last stage; the junction of the Brahmaputra and Banar rivers is crossed by ferry on starting. |
| | | | GATARGAON p-o. r-s. b. | 10 | 67 | A village on right bank of the Brahmaputra R.; supplies on notice; good water from the river, streams and wells; small C-G. in b. compound; road as above. |
| | | | BALIPARA . p-o. t-s. r-s. | 8 | 75 | A village on right bank of the Brahmaputra R.; supplies and water as above; C-G. on open waste land; road as before. |
| | | | KALIR BAZAR p-o. t-s. r-s. | 10 | 85 | A village on right bank of the Brahmaputra R.; supplies and water as above; C-G. small; country cultivated; road as before. |
| | | | MYMENSINGH p-o. t-s. r-s. b. | 10 | 95 | A small civil stn.; supplies plentiful; good water from wells and the Brahmaputra R.; C-G. in b. compound; country and road as in last stage. |
| Total marches, 10 = 96 m. | | | | | | |

Route No. 171. FROM DACCA TO SYLHET.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dacca, Dacca. | MURAPARA . | 11½ | 11½ | <p>NOTE.—The best route from Dacca to Sylhet is by steamer or country boat, up the Megna and Sonma rivers, distance, in dry season, about 237 m.</p> <p>See Route 170.</p> <p>A village on right bank of a branch of the Megna; supplies on notice; good water from the river, on bank of which is extensive site for C.G.; country low and under water from 1st June to 31st October; road unmetalled, but raised and bridged, suitable for all arms except during high flood, when it is partially submerged.</p> <p>A small village; supplies must be collected; good water from the Megna, on right bank of which is extensive site for C.G.; country as above; road unmetalled but good in dry weather; cross a small stream on starting and the Aratikhan at 2 m. by ferry.</p> |
| | | PANCHDONA | 12 | 23½ | |
| | | NARSINGDI . p-o. | 5 | 28½ | |
| | | RAIPURA p-o. | 12 | 40½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Tipperah, Comilla. | BAKHARNAGAR . . . | 6 | 40½ | A village on right bank of the Megna; no supplies; good water from the river, on bank of which is extensive site for C-G.; country as above; road not kept up, a mere track and almost impassable. |
| | | TALSAR . . . | 13 | 53½ | A village; supplies on notice; water plentiful; extensive site for C-G. near village; country and road as in last stage; cross the Megna about half-way, and pass Chartala on its left bank immediately afterwards. |
| | | MAJLISPUR 80,000 sq. yds. p-o. | 9 | 62½ | A fair-sized village on right bank of the Titas; supplies on notice; fair water from the river, on bank of which and E. of bazar is site for C-G.; country low and swampy, except in cold weather; road 10 ft. wide, unmetalled, but level and practicable for all arms in dry weather; nearest p-o. is at Shabarpur, distant 2 m. N-E. The river at Majlispur is unfordable, but country boats available. |
| | | HARINBER . . . 528,000 sq. yds. p-o. | 9 | 71½ | A fair-sized village; supplies on notice; fair water from the Haral Nadi, on bank of which is site for C-G.; country as in last stage; road a mere track, practicable for all arms in dry weather only; cross the Haral at end of stage by ford; nearest t.s. is at Sarail, distant 10 m. S-W. |
| | | PURIKOLA . . . | 13 | 84½ | A small village; supplies on notice; plentiful good water from a tank near Kaliganj, distant about 1 m.; extensive site for C-G. close to village; country level and open, liable to inundation after heavy rain; road an ordinary village path. Shahañ Bazar t.s., on the A. B. Ry., is about 3 m. E. of Purikola. |
| | | HABIGANJ . . . p-o. t.s. b. | 13 | 100½ | A town at the junction of the Barak and Khawul rivers; supplies on notice; good water from the river, on left bank of which, and near ferry, is extensive site for C-G.; country low and submerged during the rains; road as before, a village path, level with surrounding country, liable to inundation during the rains; cross the Barak at end of stage, by ford in dry weather, by ferry in rains. |
| | | NAWA BAZAR . . . | 7 | 107½ | A halting place on right bank of the Barak R., close to Shandanpur; supplies on notice; indifferent water from the river, on bank of which is extensive site for C-G.; country and road as above; pass Aliganj at 4 m. |
| | | SHIBGANJ . . . | 13 | 110½ | A bazar on right bank of the Barak; supplies on notice; indifferent water from the river S. of bazar, close to which is extensive site for C-G.; country and road as above; pass Nabiganj (p-o.) at 8 m. |
| | | TAJPUR . . . p-o. | 15 | 124½ | A village; supplies on notice; indifferent water from a tank close to C-G., extensive site for which is in fields near village; country open and partially cultivated; road unmetalled but good and passable for all arms; cross the Bibiyana about half-way, by ford in dry season, by ferry in rains; nullahs bridged. |
| | | LALA BAZAR 28,600 sq. yds. p-o. | 7½ | 132 | A bazar; supplies on notice; good water from a well and the Basia stream near C-G., which is in fields W. of road and close to p-o.; country and road as in last stage; cross 2 small streams (bridged in cold season) in the first half of the stage, by ferry in rains; nullahs strongly bridged; pass Par Kasta at 4½ m. |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | SYLHET . . . 37,000 sq. yds. p-o. t.s. b. | 6 | 138 | A town on right bank of the Surma; supplies abundant; good water from the river, on bank of which, and close to circuit house, is C-G.; country, road and nullahs as in last stage; cross the Surma R. at end of march, by ferry. |
| | | Total marches, 16 = 148 m. | | | |

Route No. 172.
FROM DAGSHAI TO SUBATHU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Chhamb. | Dist. Commr. of Simla, Simla. | SUBATHU . . . p-o. t.s. b. | 12½ | 12½ | A small cantonment; supplies on notice; a pipe water-supply; C-G., for a battn., on parade ground; the road to the Dharmpur toll hut is a good, metalled cart-road, gradient steep; the Simla-Kaika road is joined at 2½, and the Sabathu road branches off at 2½ m. |
| | | Total marches, 1 = 12½ m. | | | |

Route No. 173.
FROM DALHOUSIE TO BAKLOH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mian Mir. | Dist. Commr. of Chamba, Chamba. | BULEYRA . . . 200 x 60 yds. b. | 7½ | 7½ | A village; supplies on notice; plentiful good water from a spring at 7½ m.; C-G. in terraced fields; country hilly; road metalled, practicable for camels during the dry season, and for mules at all times. |
| | | BAKLOH . . . p-o. t.s. | 8 | 15½ | A small cantonment, elevation 4,600 ft.; supplies procurable; water good but scarce during hot weather; C-G., for 2 battn., on parade ground; road suitable for mules; there is a gradual descent as far as Nym Khud at 4 m., where a stream is crossed by a wooden bridge; the road ascends thence by an easy gradient to Bakloh. |
| | | Total marches, 2 = 15½ m. | | | |

Route No. 174.
FROM DALHOUSIE TO CHAMBA.
via KAJIAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Chamba Territory. | Supt. of Chamba, Chamba. | KAJIAR 80,000 sq. yds. | 10½ | 10½ | A halting place; supplies scarce; plentiful good water from streams; road practicable for laden mules; cross the Kala Tope range, elevation 7,500 ft., then descend by easy gradients. |
| | | CHAMBA | 7 | 17½ | A good-sized place, the capital of Chamba State; supplies abundant; good water from streams; plenty of space available for C-G. on race course; road practicable for laden mules. |
| | | Total marches, 2 = 17½ m. | | | |

Route No. 174(a).
FROM DALHOUSIE TO CHAMBA.
via CHIEL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------|--------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Chamba Territory. | Supt. of Chamba, Chamba. | CHIEL | 9 | 9 | A small village, elevation 5,700 ft.; supplies in small quantities after notice; good water from a stream; country mountainous; road practicable for laden mules. |
| | | CHAMBA | 12 | 21 | See Route 174 |
| | | Total marches, 2 = 21 m. | | | Country as above; road steep but practicable for laden mules; cross the Bari (bridged) at end of march. |

Route No. 175.
FROM DALHOUSIE TO DHARMSALA.
DUNERA AND NURPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mesan Meer. | Dr. Commr., Asst. Commr., Dalhousie, Gurdaspur, Gurdaspur, Kangra, Dharmasala. | NYNI KHUD | 13 | 13 | NOTE.—This route is preferable to 175(a), it being practicable for camels. |
| | | DUNERA 20,480 sq. yds. p-o. t-s. b. | 10 | 23 | A halting place; supplies on notice; plentiful good water from a stream, near which is small C-G.; country mountainous; road fit for camels. |
| | | NURPUR 20,570 sq. yds. p-o. b. | 12½ | 35½ | A village; supplies on notice; plentiful good water; C-G. marked by pillars; road good, width 12 ft., suitable, except during rains, for light wheeled traffic. |
| | | KOTLA 17,060 sq. yds. p-o. b. | 13½ | 49½ | A town; supplies abundant; water from tanks and springs; C-G. E. of town; road as in last stage. |
| | | SHAHNUR 31,400 sq. yds. p-o. b. | 11½ | 60½ | A large village; supplies procurable; plentiful good water from a well in b. compound, and from the Daira R.; C-G. marked by pillars; road passable for carts except during rains. |
| | | DHARMSALA p-o. t-s. b. | 12½ | 73½ | A village; supplies on notice; plentiful good water from springs and streams; C-G. S. of road; road as before; the Daira R. (bridged) is crossed on starting. Kangra is 18 m. from Shahnur. |
| | | Total marches, 6 = 73½ m. | | | A small cantonment, elevation 6,120 ft.; supplies obtainable; plentiful good water; C-G. S. of old Gujhar Lines; road only fit for transport animals. |

Route No. 175(a).
FROM DALHOUSIE TO DHARMSALA.
via CHAOHARI AND NURPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------|-----------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Chamba Territory. | Asst. Commr., Chamba. | CHAOHARI | 10 | 10 | A village; supplies procurable; plentiful good water from springs and streams; site for C-G. near b.; road practicable for laden mules; the Chaohari pass, about 9,000 ft. high, is difficult in winter, but never closed. |

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Muzam Niz. | Dr. Comar of Kangra, Dharmasala. | NURPUR . . . | 16 | 32 | A good mule road; pass Ghatisan at 4 m.; the Chakhi stream (unbridged) is fordable except after heavy rain. See Route 175. |
| | | KOTLA . . . | 13½ | 45½ | |
| | | SHAHPUR . . . | 11½ | 57½ | |
| | | DHAEMSALA . . . | 12½ | 70 | |
| | | Total marches, 5 = 70 m. | | | |

Route No. 176.
FROM DALTONGANJ (BIJRA) TO MIRZAPUR.
via GARHWA, DUDHI AND RAJGARH.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Palamau, Daltonganj. | BANPURWA . . . 200 × 200 yds. | 13 | 12 | NOTE.—This route is not a desirable one, being unmetalled, only partially bridged and difficult in places. The water at some stages is unfit to drink. A village; supplies on notice; fair water from the Tableh stream, ½ m. S. of C-G., which is ½ m. S-W. of village; country open, partially cultivated; road 18 ft. wide, unmetalled, nullahs bridged, suitable for all arms in fair weather; cross the Koil in 1st m., 2 boats, capacity 80 men each, and the Tableh in 11th m. fordable, except for 15 or 20 days in the rains, no ferry. A small town; supplies on notice; fair water from Danro R.; C-G. in mango groves close to village; country, road and bridges as above; cross the Danro at Garhwa, fordable, except after heavy rain; no ferry. A village; supplies on notice; fair water from wells and a tank, all within 800 yds. of C-G., latter 220 yds. W. of village; country and road as above, some culverts would not bear heavy guns. A village; supplies on notice; fair water from a large tank ½ m. S. of C-G., which is 400 yds. W. of village; country and road as above. A village; supplies on notice; fair water from wells and streams; C-G. ½ m. W. of village; country jungle; road as above; all nullahs fordable. A village; supplies on notice; good water, for a battn., from wells; C-G. in a mango tope, 68 yds. from village; country as above; road unmetalled, partially bridged and bad during rains; cross the Kumbhar R. at 10th m., fordable except after heavy rain; a few country boats available, each carrying 20 men. No village; supplies from Dudhi; water from the nullah, which becomes dry in spring; site for C-G. E. of the nullah; road a mere country track. Nearest village 3 m. distant; supplies must be collected; water in rains and cold season from a well and nullah, site for C-G. being 80 yds. S. of latter; country and road as in last stage. A small village; supplies must be collected; good water from the Sone R., on bank of which is C-G.; country and road as in last stage. A small village; supplies from Robertganj 2 m. distant; good water from a well and tanks; site for C-G. 240 yds. N-E. of village; country hilly; road unmetalled and partly bridged, but better than in previous stages; cross the Sone R. on starting, fordable in dry weather, ferry in rains; the Kaimor range is crossed by an easy pass called the Hindo-Hari Ghat. A small village; supplies must be collected; good water from a well and tanks; C-G. 300 yds. N-W. of village; country cultivated; road as above, impracticable for carts for first 2 m.; cross the Belun R. (bridged) at 2 m. A village; supplies on notice; good water from wells and the Bakhar stream; C-G. ½ m. S-E. of village; country as above; road unmetalled but bridged. A small village; supplies from Mirzapur; good water from wells; C-G. W. of village; country hilly with some cultivation; road as above; cross the Bakhar (bridged) on starting. NOTE.—The following are the stages of an alternative, but not preferable, route from Amrota to Mirzapur— Amrota to Mirzapur 10 m. Amrota to Shabganj (p-o) 11 " Gharawal (p-o) 6 " Kalwari 6 " Mirzapur 6 " The road is unmetalled and partly bridged. A small village; supplies from Mirzapur; good water from a stream near C-G., site for which is ½ m. W. of village; country as above; road fair, partly metalled; there is an artillery practice range here. See Route 84. Country as before; road unmetalled and rough for first 3 m., thence metalled; cross the Kotwa stream (bridged) on starting, and pass Barakchia at 4 m. |
| | | MIRAL . . . 200 × 200 yds. | 7 | 28 | |
| | | RUMNA . . . 200 × 200 yds. | 8 | 36 | |
| | | NAGARUTARI . . . 800 × 300 yds. | 8 | 44 | |
| | | DUDHI . . . 200 × 100 yds. | 12 | 56 | |
| | | HATHI NULLAH . . . 150 × 100 yds. | 12 | 68 | |
| | | PARASPANI . . . 150 × 100 yds. | 9 | 77 | |
| | | CHAUPAN . . . 225 × 300 yds. | 10 | 87 | |
| | | ARMORA . . . 160 × 100 yds. | 12 | 99 | |
| | | RUKRAHI . . . 150 × 100 yds. | 7 | 106 | |
| | | RAJGARH . . . 440 × 400 yds. | 12 | 118 | |
| | | MARIYAHAN . . . 500 × 500 yds. | 10½ | 128½ | |
| | | KOTWA . . . | 8 | 136½ | |
| | | MIRZAPUR . . . | 10 | 146½ | |
| | | Total marches, 15 = 146½ m. | | | |

FROM DARBHANGA TO BIRPUR, *on the Nepal Frontier.*

old THE NORTH EMIGRATION ROAD AND PARTABGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of East Tirhoot, Darbhanga. | SAKRI 32,000 sq. yds. p-o. r.s. | 12 | 12 | A large village; supplies on notice; plentiful good water from a tank, 60 yds. E. of C-G, which is in a mango grove 400 yds. N. of r-s; country flat and open; road 10 ft. wide, metalled for the first 9 m., level and fit for all arms; cross the old beds of the Kamla and Jibak rivers (both strongly bridged) at 3½ and 8 respectively, and pass Sunipatti at 10½ m. |
| | | PIPIRA GHAT 75,000 sq. yds. | 11½ | 23½ | A village; supplies on notice; plentiful good water from wells and the Balan R., on bank of which and 1 m. W. of Jhanjharpur r-s. is C-G; country as above; road 24 ft. wide, unmetalled, but strongly bridged and fit for all arms. |
| | | KONOR | 12½ | 36½ | A large village; supplies on notice; abundant good water from a tank on, and a well near C-G, small site for which is 200 yds. from village, and D. of road; country and road as in last stage. |
| | | NARAYA 150 x 100 yds. p-o. t.s. | 8½ | 44½ | A large village; supplies plentiful; good water, for a battn., from a well, and (for animals) from a tank close to C-G, site for which is 80 yds. N. of road and near village; country and road as in last stage; cross the Balan R. (always fordable) at 6½ m. |
| | Collector of Bhagalpur, Bhagalpur. | BALA | 10 | 54½ | A village; supplies on notice; plentiful good water from tanks and wells in vicinity of C-G, extensive site for which is near village; country and road as in last stage; cross the Tilgaja R. at 7 m. |
| | | BHAPTIHAH p-o. r.s. | 6½ | 61½ | A small village; supplies on notice; plentiful good water from tanks in vicinity of C-G, extensive site for which is near village; country and road as above. The r-s. is 2 m. from camp. |
| | | SIMRAHI | 7½ | 68½ | A village; supplies on notice; good water, for a battn., from a tank and wells close by C-G, extensive site for which is near village; country as above; road 20 ft. wide, unmetalled, but practicable for all arms; cross the Domra stream at 3½ m. by ferry. |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | PARTABGANJ p-o. t-s. r-s. | 7½ | 76½ | A village; supplies plentiful; abundant good water from tanks and wells close by C-G, extensive site for which is in vicinity of village; country and road as above; cross the Oholauni Dhar at 3 m. and the Das stream (fordable) at end of stage. |
| | | BALUA | 9 | 85½ | A large bazar; supplies plentiful; abundant good water from tanks and wells close by C-G, extensive site for which is near village; country low in parts; road good, 20 ft. wide, fit for all arms except in rains; cross the Narina nullah about half-way by ford in dry season, ferry in rains. |
| | | BIRPUR p-o. | 8½ | 93½ | A village; supplies on notice; plentiful good water from tanks close by C-G, extensive site for which is near village; country as above; road as before, but not suitable for artillery; nullahs bridged. |
| | | Total marches, 10 = 93½ m. | | | |

Route No. 178.

FROM DARBHANGA TO KANAULI BAZAR, *on the Nepal Frontier.*

old SUPAUL.

| AUTHORITIES | | Name of stage and size of encamping ground. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of East Tirhoot, Darbhanga. | SAKRI . . . | 12 | 12 | } See Route 177. |
| | | PIPIRA GHAT | 11½ | 23½ | |
| | | MADHUAPUR 35,200 sq. yds. p-o. | 9 | 32½ | |
| | | CHANDAIL . . . | 11 | 43½ | A village; supplies on notice; plentiful good water from tanks and wells in vicinity of village, near which is site for C-G; country and road as above; cross the Tilgaj and Patuli streams in latter part of stage. From Chandail the E. Emigration Road branches off towards Furness. |
| | | SUPAUL . . . p-o t-s. b. | 7½ | 51 | A village; supplies on notice; good water, for a battn., from two wells near b.; extensive site for C-G on high land in mango groves, N. of village; country and road as in last stage. From here roads branch off S-E. to Madhipur, distant 20 m., and S. to Balit, distant 24 m., and thence to Monghyr. |
| | | MALLARH . . . | 9½ | 60½ | A village; supplies on notice; good water, for a battn., from wells in vicinity of village, near which is extensive site for C-G; country as above; road unmetalled but good; cross the Domra stream en route by ford in dry season, by ferry in rains. |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | BHAPTIHAH . . . | 7 | 67½ | See Route 177. Country and road as above; numerous nullahs are crossed by bridges, unsuitable for artillery. |
| | | KANAULI BAZAR. p-o. | 9 | 76½ | A village; supplies on notice; plentiful good water from wells round village, near which is extensive site for C-G; country, road and nullahs as above; pass Dagnara at 6, and Kamapur at 8 m. |
| | | Total marches, 8 = 76½ m. | | | |

Route No. 179. FROM DARBHANGA TO LAKAHA, on the Nepal Frontier.

111

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of East Tirhoot, Darbhanga. | TAR SARAI . P.M. | 9 | 9 | A village; supplies on notice; good water, for a battn., from two wells near village, about $\frac{1}{2}$ m. from which is extensive site for C-G. at side of road; country chiefly rice cultivation, low and occasionally flooded; road highly embanked, metalled and bridged; cross one of the old beds of the Kamla at Ghauas Ghat, at 3, and a second at Jibes Ghat, at $6\frac{1}{2}$ m. |
| | | MADHUBANI . 200 x 180 yds. p-o. t-s. | 11 $\frac{1}{2}$ | 20 $\frac{1}{2}$ | A large town; supplies plentiful; good water, for a battn., from a well and tank about 200 yds. E. of C-G., which is in mango groves W. of road and near police sta.; country and road as above; pass Pandaul (p-o) factory at 8 $\frac{1}{2}$, and Bharwara at 10 m. |
| | | MIRZAPUR . 150 x 60 yds. | 7 | 27 $\frac{1}{2}$ | A large village; supplies on notice; plentiful good water from a well, and from the Kamla R., 300 yds. W. of which and $\frac{1}{2}$ m. W. of village is C-G.; country as before; road unmetalled but in fair order. |
| | | BARHI BAZAR . | 12 | 39 $\frac{1}{2}$ | A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove $\frac{1}{2}$ m. from village; country and road as above; cross the Kamla at 7 and the Balan at end of stage, both by ford in dry weather, by ferry (1 boat carrying 60 men) in the rains. |
| | | PATRAHI . | 7 | 46 $\frac{1}{2}$ | A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove W. of road and close to village; country and road as in last stage. |
| | | LAKAHA . 200 x 160 yds. p-o. | 7 $\frac{1}{2}$ | 54 | A large village about $\frac{1}{2}$ m. from the Balan R.; supplies on notice; good water for a battn., from a well, and (for animals) from a tank near C-G., which is in a grove $\frac{1}{2}$ m. from village, close to police sta.; country undulating with alternate jungle and cultivation; road as above. Half a mile beyond Lakaha British territory ends. |
| | | Total marches, 6 = 64 m. | | | |

Route No. 180. FROM DARBHANGA TO LUDHIANA, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad Dist., Allahabad. | Collector of East Tirhoot, Darbhanga. | TAR SARAI . | 9 | 9 | } See Route 179. |
| | | MADHUBANI . | 11 $\frac{1}{2}$ | 20 $\frac{1}{2}$ | |
| | | KHAJOLI . 250 x 160 yds. p-o. | 11 | 31 $\frac{1}{2}$ | |
| | | LUDHIANA . 180 x 140 yds. | 14 | 45 $\frac{1}{2}$ | A village; supplies on notice; plentiful good water from a tank 180 yds. W. of village (the water from well in police sta. compound is bad); C-G. in a grove $\frac{1}{2}$ m. from village; country and road as before. |
| | | Total marches, 4 = 45 $\frac{1}{2}$ m. | | | |

Route No. 181. FROM DARBHANGA TO NEPAL (KATMANDU). via JAYNAGAR AND JANAKPUR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---------------------------------------|--|-----------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| Nepal Territory. Resident in Nepal, Katmandu. | Collector of East Tirhoot, Darbhanga. | KAUNLE RAMBEY . 200 x 160 yds. | 10 | 10 | A village; supplies on notice; good water, for a battn., from wells, and (for animals) from a tank near C-G., which is in a grove E. of road and 200 yds. from village; country open and cultivated; road metalled and bridged; pass Nonam about half-way. |
| | | PACHRAUNI . 180 x 60 yds. | 10 | 20 | A large village; supplies of all kinds procurable; good water, for a battn., from wells and a tank near C-G., site for which is E. of road and $\frac{1}{2}$ m. from village; country and road as before. |
| | | NARAYA . | 8 $\frac{1}{2}$ | 28 $\frac{1}{2}$ | See Route 177. Country and road as above. |
| | | JAYNAGAR . 300 x 160 yds. | 6 $\frac{1}{2}$ | 35 | A large village; supplies on notice; good water, for a battn., from a tank (500 x 600 ft.) and from two wells 170 yds. W. of C-G., which is in a grove close to village, and E. of road; country and road as above. |
| | | BISAUL . 200 x 100 yds. | 9 | 44 | A village near the Nepal Frontier; supplies on notice; good water, for a battn., from a tank (400 x 500 ft.) 70 yds. W. of C-G., which is E. of road and close to village; country as above; road unmetalled and only partly bridged; cross the Kamla soon after starting by ford in dry season, by ferry (one boat carrying 40 to 50 men) in rains. |
| | | JANAKPUR . | 9 | 53 | A large village; supplies plentiful; abundant water from numerous tanks and wells in village, N. of which and in fields is site for C-G.; country partly covered with jungle; road unmetalled but practicable for carts. |
| | | BARBI . | 19 | 72 | A small village; supplies procurable; plentiful water from the Kamla R., 1 m. W. of which is village, and site for C-G. being in fields close by; country and road as in last stage. |

| AUTHORITIES | | Name of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---------------------|-------------------------------|---|----------|-------|---|
| Military | Civil | | Miles. | Total | |
| Nepalese Territory. | Resident in Nepal, Kathmandu. | MANIA BASA . . . | 20 | 92 | A small village; no supplies; water from a stream near village, S. of which and in fields is site for C-G.; country as above; road bad; pass Lalidha Patta about half-way. |
| | | MANDI . . . | 14 | 106 | A village; few supplies procurable; plentiful good water from a mountain stream; country hilly and jungle; road as in last stage; cross the Kamla by ford, and pass Kamlabari, situated at the junction of the Kamla and Gungkhola rivers, at 6 m. |
| | | KURKOT . . . | 10 | 116 | A village; few supplies procurable; plentiful water from the Kamla, 1 m. from village; country jungle and mountainous; road narrow, stony, and difficult; pass Sidi Garhi fort (elevation of 7,500 ft.) about half-way; the road passes through the gates of the fort which is situated near the summit of the hill. |
| | | JHAGAJHOLI . . . | 9 | 125 | A village; supplies procurable; plentiful water from a mountain stream; country as before; road bad; cross two nullahs unbridged. |
| | | DABSHA . . . | 15 | 140 | A village; few supplies procurable; plentiful water from a stream; country as before; road extremely difficult, crossing over the Dabsha mountain, quite unfit for horses and bullocks; at the base runs the Ohargankhola R., crossed by a bridge near its junction with the Bankosi R. |
| | | BANDEPA . . . | 16 | 156 | A large village; supplies procurable; plentiful water from a stream; country as before; road at first tolerably good, afterwards very rough and difficult. |
| | | BHATGAON . . . | 7 | 163 | A town in the Nepal valley; supplies abundant; water good, brought by pipes from the mountains; site for C-G. on parade ground W. of town; country as before; road fair. |
| | | NEPAL (KATMANDU). p-o Total marches, 16 = 171 m. | 8 | 171 | A large city, at the junction of the Bishanmati and Bagmati rivers, with extensive suburbs and large buildings in immediate neighbourhood; elevation 4,760 ft.; supplies abundant; good water supplied by pipes; country as before; road an unmetalled driving road, crossing the Hanuman Khola, Bagmati and Dhokhola rivers, all strongly bridged. |

Route No. 182.
FROM DARBHANGA TO PURNEA.
via SUPAUL AND NATPUR.

| AUTHORITIES | | Name of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|--------------------------------------|---|-----------|--------|--|---|
| Military. | Civil | | Miles. | Total. | | |
| G. O. C. Allahabad District, Allahabad. | Collector of East Tirhoot, Dybbhang. | SAKRI . . . | 12 | 12 | } See Route 177. | |
| | | PIPIRA GHAT . . . | 11½ | 23½ | | |
| | | MADHUAPUR . . . | 9 | 32½ | | |
| | | CHANDAIL . . . | 11 | 43½ | | |
| | | SUPAUL . . . | 7½ | 51 | | |
| G. O. C. Allahabad District, Allahabad. | Collector of Bhagalpur, Bhagalpur. | PIPIRA-BAZAR 22,200 sq yds. p-o r-s b | 18 | 64 | A village; supplies on notice; good water, for a bath, from a well in b. compound; C-G. S. of and close to village; country and road as above. From here a road runs S. to Madhupura, distant 16 m. See Route 177. Country as above; road unmetalled and unsuitable for artillery; cross the Chulnani Dar at 9, and the Dams (ferry, one boat) at 12½ m. by ford, except after heavy rain. | |
| | | PARTABGANJ . . . | 15 | 70 | | |
| | | NATPUR (KANWA GHAT) 390 x 200 yds r-s. | 7 | 86 | | A town on E. bank of the Kosi; supplies on notice; good water from the river, on bank of which, and in fields N. of r-s is C-G.; country open and cultivated; road unmetalled, 2½ ft wide, last 2 m. heavy sand, but passable for artillery; cross the Kosi (2 m. wide) at end of stage, by ferry of 20 boats. |
| | | ANCHARAGHAT . . . p-o r-s. | 10 | 96 | | A small village on the Kosi R.; supplies on notice; good water from the river or by digging 3 to 4 ft. in any place; site for C-G. N. of and close to village; country flat and cultivated, with patches of jungle; road unmetalled, has to be re-made yearly; cross the river at Kanwa Ghat at 2½ m. by ford in dry weather. |
| | | DEBIGANJ . . . r-s | 6 | 102 | | A small village; supplies on notice; C-G. none, the Kosi R. having changed its course, the surrounding country has been, except the ry. embankment, under water for a year. |
| G. O. C. Presidency District, Fort William. | Collector of Purnea, Purnea. | PIRWAHA (SYFGANJ). | 10 | 112 | A small village; supplies on notice; good water from the Kamla and from two wells on C-G. site for which is E. of village on bank of the river; country flat and swampy, inundated by the Kosi; road 16 ft wide, unmetalled, much of it under water; cross the Barhwa (unfordable) soon after starting, and the Kamla (fordable in dry season) at end of stage, both by ferry of one small boat. | |
| | | GUNAMANTI . . . | 11 | 123 | A small village; supplies on notice; good water from tanks and wells in vicinity of C-G. site for which is on both sides of road, S. of village; country flat and open for the first 10 m., thence jungle; road as above; cross three nullahs en route, fordable in dry season; no ferries. | |
| | | JAGAILLE . . . | 12 | 135 | A small village; supplies on notice; good water from wells, to be dug on notice (cost Rs7 each, one well supplying 80 to 40 men); site for C-G. on outside E. of village; country flat, jungle for first half mile, thence open; road as before; cross 4 nullahs en route by wooden bridges, with 10 ft. roadway, suitable for guns one by one. | |
| | | PURNEA . . . | 10½ | 145½ | See Route 118. Country as in latter part of last stage; road as before; cross three nullahs (strongly bridged) en route. | |
| | | Total marches, 14 = 146½ m. | | | | |

Route No. 182(a).
FROM DARBHANGA TO PURNEA.
via THE SOUTH EMIGRATION ROAD.

113

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of E. Tirhoot, Darbhanga. | SAKRI . . . | 12 | 12 | See Route 177 |
| | | PIPPA GHAT . . . | 11½ | 23½ | |
| | | MADHUPUR . . . | 0 | 32½ | See Route 178. |
| | | CHANDAIL . . . | 11 | 43½ | |
| | | BARWARI . . . 63,000 sq. yds. | 10 | 53½ | |
| G. O. C. Presidency District, Fort William. | Collector of Bhagalpur, Bhagalpur. | SINGHESWAR . . . 130,000 sq. yds. p-o. | 0 | 62½ | A village ½ m. N-W. of Lokha; supplies on notice; good water, for a bath, from a well close to C-G., which is in a mango grove 1 m. N-E. of village; country open and cultivated; road 24 ft. wide, unmetalled, but strongly bridged. |
| | | KEOTGAMA . . . 25,000 sq. yds. | 11 | 73½ | A village; supplies on notice; water very scarce, wells must be dug beforehand; site for C-G. ½ m. S-E. of village; country as before; road as above, except last 3 m. which are bad and unsuitable for troops; cross the Daudasari at 7, and the Lomra at 9 m., both by ferry. |
| | | MAHARAJGANJ (DEYSADII) . . . | 6½ | 80 | A village; supplies on notice; good water from wells which must be dug beforehand; only existing wells are in house enclosures in the village; extensive site for C-G. on bank of the Kosi R. and E. of Baysadh; country flat, sandy and jungle; the river inundates the whole of the stage in the rains; road 16 ft. wide unmetalled, very sandy and heavy; in dry weather all the depressions of ground and channels are fordable except the Kosi, which has a ferry of one boat carrying 8 men. |
| | | KUSHANIA . . . | 14 | 94 | A village; supplies on notice; good water from the Binania R., on bank of which on grass land is C-G.; country sandy, covered with grass and jungle; road as above; cross the Binania at end of stage, by ferry carrying 8 men. |
| | | BOGRAHA . . . | 0 | 103 | A village; supplies on notice; plentiful good water from wells, which must be dug beforehand; and also from a tank W. of C-G., which is S. of village on both sides of road; country as in last stage; road 16 ft. wide, unmetalled, first 4 m. practically impassable; cross a stream near Sirai at 2 m. (impassable in the rains) by ferry carrying 10 men, and 2 nullahs en route, one fordable in dry season and the other bridged. |
| G. O. C. Presidency District, Fort William. | Collector of Purnea, Purnea. | PURNEA . . . | 7 | 110 | See Route 118. Country and road as in latter part of last stage; cross the Kosi at 6 m., by ferry carrying 10 men. |
| | | Total marches, 11 = 110 m. | | | |

Route No. 183.
FROM DARJEELING TO CHIABBANJAN, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| [G. O. C. Presidency District, Fort William.] | Deputy Commissioner of Darjeeling, Darjeeling. | SUKHIA POKHRI . . . p-o. b. | 10 | 10 | A village; supplies must be collected; good water from springs; small C-G. at Jore Pokhri, 1 m. from Sukhia Pokhri; the road follows the Darjeeling Ry. as far as Ghum r.s., and is a good cart road. |
| | | TONGHI . . . b. | 11 | 21 | No village; supplies must be collected; water from springs; small C-G. round b.; country mountainous; road, bridged, fit for pack animals. |
| | | SANDAKPHU . . . b. | 14 | 35 | A bungalow in the forest; elevation, 11,920 ft.; no supplies; water from springs; small C-G. in b. compound; country and road as above; this is a very trying march with many stiff ascents and descents. |
| | | PHULUT . . . b. | 12½ | 47½ | A bungalow in the forest; elevation, 11,811 ft.; plentiful water from springs; limited C-G. N. of b.; country as above; road very trying. |
| | | CHIABBANJAN . . . b. | 6 | 53½ | A bungalow; good water from springs; C-G., of limited extent, E. of b.; country as above; road very rough and trying. |
| | | Total marches, 5 = 68½ m. | | | |

FROM DARJEELING TO PANIGHATA, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency Dist., Fort William. | Dr. Commr. of Darjeeling Districts Darjeeling. | SUKHIA POKHRI. | 10 | 10 | See Route 183. |
| | | MIRIK | 14 | 24 | A small village; supplies must be collected; good water from springs; small C-G, N. of b.; road practicable for pack animals. |
| | | PANIGHATA | 12 | 37 | A village; supplies on notice; plentiful good water; road as above; cross the Bajaur E. by a suspension bridge, E. of and near which is C-G. |
| | | 16,866 sq. yds. p-o. | | | |
| | | Total marches, 3 = 37½ m. | | | |

Route No. 185.

FROM DARJEELING TO RHEENOCK, on the Sikkim Frontier.

via RANGLET.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Darjeeling, Darjeeling. | RANGLET | 10 | 10 | A village on right bank of the Ranglet R.; supplies must be collected; good water from the river; small C-G. near police post; road 16 ft. wide, well bridged, maximum gradient 1 in 8; suitable for pack animals but carts can be taken from Ranglet as far as Tista Bridge in the dry season; there is an iron suspension bridge over the Ranglet R. |
| | | TISTA BRIDGE | 7 | 17 | A bridge over the Tista R.; supplies must be collected; good water from the river; small C-G. about ½ m. above bridge; road as above, greatest gradient 1 in 12. |
| | | KALINPON | 2 | 20 | A small town, elevation 6,916 ft.; supplies on notice; C-G. E. of bazar; road as above. |
| | | PADONG | 18 | 38 | A village, elevation 6,312 ft.; supplies on notice; plentiful good water; C-G. near b.; country hilly, but open and cultivated; good metalled road, width 12 ft., greatest gradient 1 in 8; at 7 m. a road runs S. to Jalpaiguri; pass Pongong at 9 m. |
| | | RHEENOCK | 5 | 38 | A village in Sikkim, elevation 5,248 ft.; no supplies; water good and plentiful; C-G. near, and on farther side of, the bridge over the Russett Chu at 2½ m.; country hilly and wooded; road a hill track, greatest gradient 1 in 10. |
| | | 12,745 sq. yds. p-o b. | | | |
| | | Total marches, 5 = 38 m. | | | |

Route No. 185(a).

FROM DARJEELING TO RHEENOCK, on the Sikkim Frontier.

via PESHOK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency Dist., Fort William. | Dr. Commr. of Darjeeling Districts Darjeeling. | PESHOK | 17 | 17 | A village, elevation 6,716 ft.; supplies must be collected; good water from a spring; small C-G. near b.; road for first 3 m. nearly level and fit for wheeled traffic, afterwards a hill road and only fit for pack animals. |
| | | KALINPON | 5 | 22 | Road, only fit for pack animals, descends for first 5 m. to the Tista R. which is crossed by a suspension bridge. See Route 185. |
| | | PADONG | 13 | 35 | |
| | | RHEENOCK | 5 | 40 | |
| | | Total marches, 4 = 40 m. | | | |

Route No. 186.

FROM DEHRI TO ROHTAS (ROTASGARH).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Alwar District, Alwar. | Collector of Bharatpur District Ajmer. | TILATHU | 8½ | 8½ | NOTE.—There is an alternative route, during rainy season only, by water; distance 53 m.; time for steamers about 9 hours against, and 5 hours with stream; country boats would take 24 hours and 8 hours; steam boats would have to be arranged for from Dehri or Baran, and country boats could be collected from Daran, Dandnagar and other ferries. Troops would disembark at Alwarpur, 22 m., and march thence to Rohtas (Rotasgarh) as below. |
| | | 185 x 180 yds. p-o. | | | |
| | | TUMA | 6½ | 15 | |
| | | 275 x 100 yds. | | | |
| | | | | | A small town 1 m. from left bank of the Sone; supplies procurable; good water, for a bath, from 3 wells on, and near C-G., which is W. of village; country cultivated; road unmetalled, but raised and in good order; pass Vikramnagar b. m. |
| | | | | | A small village near left bank of the Sone; supplies must be collected; good water, for 600 men, from a well E. of C-G., latter S. of village; country hilly; road as in last stage. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Shahabad, Allahabad. | AKBARPUR . 360 x 380 yds. | 8 | 29 | A village near left bank of the Son; supplies procurable; good water, for 600 men, from a well W. of C-G., latter S. of village; country and road as above; cross a nullah, fordable, just before reaching camp. |
| | | ROHTAS . (ROTASGARH) 260 x 220 yds. p-o. | 4 | 27 | A celebrated hill fort; supplies on notice; good water from a tank; C-G. close to fort; country and road as above. Rotasgarh is built on a table-land 5 m. long by 4 broad, and about 28 m. in circumference; it is very difficult of access except on S. side. |
| | | Total marches, 4 = 27 m. | | | |

Route No. 187.
FROM DELHI TO AGRA.
via THE BANK OF THE AGRA CANAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. | From the camping ground to— | | | NOTE.—Troops can encamp at each halting place on cultivated land near the canal. |
| | | OKHLA . p-o. | 13 | 19 | A village; supplies on notice; good water from canal; country well cultivated; road metalled, 12 ft. wide, bridged and fit for all arms; pass Humayun's Tomb at 8 m. |
| | | FARIDABAD . p-o. | 11 | 24 | A village; supplies on notice; good water from canal; road unmetalled, but bridged and practicable for all arms; the canal is navigable for country boats and barges. |
| | | NANDKOL . p-o. | 18½ | 37½ | A village; supplies and water as above; country and road as in previous stage; pass Barauti at 3 and Lalabgarh at 6 m. |
| | | CHAJJUNAGAN . p-o. | 7½ | 45 | A village; supplies, water, country and road as above; at 6 m. an unmetalled road crosses canal from Palwal, 4 m. W. |
| | | GHASARA . p-o. b. | 9½ | 54½ | A halting place; no village; supplies must be collected; water, country and road as above. |
| | | SASAI . b. | 7½ | 62 | A halting place; supplies, water, country and road as above; Hodal village is 6 m. W. of Sasai. |
| | | BIJADAWAL . b. | 11 | 73 | A halting place; supplies, water, country and road as above; pass Asirpur at 7 m. |
| | | RESONTI . b. | 14 | 87 | No village; halt at inspection b.; supplies, water, country and road as above; pass Suhar at 7 m. |
| | | CHOTA KOSI . b. | 11 | 98 | A village; supplies procurable; abundant good water from well on C-G., latter on canal bank; country and road as before. |
| | | JANOLI . b. | 6 | 104 | A halting place; supplies on notice from Beri; good water from a well at Beri village, 1 m. N. of C-G.; country well cultivated; road as above. |
| | | BARANDHA . b. | 6½ | 110½ | A halting place; supplies on notice from Achnera, 4½ m. S.; plentiful good water from a well on C-G.; country and road as above. |
| | | MURENDA . b. | 7½ | 117½ | A village; supplies from Ronkutta, 2 m. N.E. of C-G., which is on bank of canal; good water from a well in village; country and road as above. |
| | | SIKANDRA . p-o. | 6½ | 122½ | A village; supplies on notice; good water from a well close to C-G.; country and road as above. |
| | | AGRA . 1,200 x 800 yds. p-o. t-s. r-s. | 6½ | 129 | A large city, military cantonment and civil station; supplies abundant; plentiful good water from a well in British Infantry lines, ½ m. W. of C-G., which is on parade ground; road bad and not suitable for wheeled traffic. |
| | | Total marches, 14 = 128 m. | | | |

Route No. 188.
FROM DELHI TO ALWAR as far as FIROZEPUR-JHIRKA (*for remainder, see Bombay Route Book No. 268*).
via SOHNA AND FIROZEPUR-JHIRKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. | KUTAB MINAR . b. | 11 | 11 | A small town; supplies procurable; abundant good water from two wells close to the Minar, near which is space for C-G.; country open and fairly cultivated; road good, metalled and bridged. Mahrauli (p-o.) is 1 m. S. |
| | | GURGAON . p-o. t-s. r-s. b. | 13 | 24 | A town and small civil stn.; supplies procurable; plentiful good water from wells; C-G. either at Sirhau, 10½ m., or close to town; road as before; a low range of hills is crossed at 6 m. The other road from Delhi to Gurgaon, <i>via</i> Basantnagar, 18 m., is in very bad order. |
| | | SOHNA . p-o. b. | 15 | 39 | A small town; supplies procurable; plentiful water from wells, but somewhat brackish; C-G. in fields N. of town; country much intersected; road as before. |

| AUTHORITIES. | | Names of stages and also of encampment grounds. | DISTANCES. | | REMARKS. |
|-----------------------------------|---------------------------------|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Gurgaon, Gurgaon. | NUH p-o b. | 11½ | 60½ | A large village; supplies procurable; water as in last stage; site for C.G. near b.; country open and cultivated; road unmetalled but fit for all arms. |
| | | BHADAS b. | 12 | 62½ | A village; supplies from Nagina on notice; plentiful good water from wells; C.G. in surrounding fields; country and road as in last stage; pass Bakras (p-o.) at 6½ m. |
| | | FIROZPUR-JHIRKA p-o. b. | 13 | 75½ | A small town; supplies procurable; plentiful good water from wells and a stream; C.G. in fields S. of town; country and road as in last stage. |
| | | Total marches, 6 = 74½ m. | | | |

Route No. 188(a).

FROM DELHI TO ALWAR as far as KOT-KASIM (for remainder, see Bombay Route Book No. 268(1)).

via REWARI.

| AUTHORITIES. | | Names of stages and also of encampment grounds. | DISTANCES. | | REMARKS. |
|-----------------------------------|-----------------------------|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. | SOHUL-KI-SARAI 120,000 sq. yds. | 10 | 10 | A small place; supplies scarce; abundant water from 4 wells on C.G., which is near a small grave-yard; country cultivated; road unmetalled, but fair. |
| | | GARHI-HARSARU p-o. t-s. r-s. | 13 | 23 | A small village; supplies from surrounding villages on notice; water from wells in village, limited supply and somewhat brackish; encamp in fields; country open, sandy, but fairly cultivated; road unmetalled, very heavy and sandy; pass Chaunha at 6 and Dinkot at 11 m. |
| | | PATAUDI p-o. b. | 13 | 36 | A large village; supplies on notice; abundant good water; C.G. in fields; country and road as in last stage. A good metalled road runs from Pataudi to Jataoli (r-s.), distant 3 m. |
| | | REWARI 137,630 sq. yds. p-o. t-s. r-s. b. | 13 | 49 | A large town; supplies abundant; no good water obtainable nearer than from the Sayyid Jamal and other wells, distant 2 m. from C.G., which is 1 m. N. of town; country and road as before; the Sibbi stream, generally dry but impassable when in flood, is crossed at 3 m. |
| | | KOT-KASIM p-o. | 15½ | 64½ | A village; supplies procurable; plentiful good water from wells; C.G. in surrounding fields; country open and partly cultivated; road, an unmetalled and unbridged track 6 to 10 ft. wide, not fit for carts and impassable in the rains. |
| | | Total marches, 6 = 61½ m. | | | |

Route No. 188(b).

FROM DELHI TO ALWAR as far as FIROZPUR-JHIRKA (for remainder, see Bombay Route Book No. 268(2)).

via PALWAL.

| AUTHORITIES. | | Names of stages and also of encampment grounds. | DISTANCES. | | REMARKS. |
|-----------------------------------|--|---|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. | BADARPUR | 12½ | 12½ | See Route 13. |
| | | BALLABGARH | 11 | 23½ | |
| | | BAGHAULA | 10 | 33½ | |
| | Deputy Commissioner of Gurgaon, Gurgaon. | PALWAL p-o. t-s. b. | 4½ | 38½ | A small town; supplies procurable; plentiful good water from wells; extensive site for C.G. 1 m. S.W. of town; country open and well cultivated; road metalled and bridged. |
| | | HATTIN p-o. b. | 9½ | 47½ | A large village; supplies procurable; abundant good water from wells; C.G. in fields W. of village; country as before; road unmetalled and heavy in parts; pass Raipur 2½ and Dargapur at 4½ m. |
| | | PINANGWA p-o. | 11½ | 59½ | A fair-sized village; supplies on notice; plentiful good water from wells; C.G. in fields N. of village; country and road as before, latter sandy and heavy towards end of march. |
| | | FIROZPUR-JHIRKA | 14 | 73½ | See Route 188. |
| | | Total marches, 7 = 73½ m. | | | Country hilly at first, afterwards open and cultivated; road unmetalled, sandy and very heavy, it forms a water-course in the rains; a low range of hills is crossed on leaving Pinangwa. |

FROM DELHI TO ALWAR as far as FIROZEPUR-JHIRKA (for remainder, see Bombay Route Book No. 268 (3)).

via HODAL.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. Dy. Commissioner of Gurgaon, Gurgaon. | BADARPUR . | 12½ | 12½ | See Route 13. |
| | | BALLABGARH . | 11 | 23½ | |
| | | BAGHAULA . | 10 | 33½ | |
| | | BHAMANIKHERA . | 10½ | 44½ | |
| | | HODAL . | 14½ | 59½ | A large village; supplies plentiful; abundant good water from wells; C-G. anywhere in vicinity of village; country level and irrigated; road unmetalled, 25 ft. wide, sandy and heavy for the last 4 m. Road as before, in fair order. See Route 188(b). For other remarks, see Route 188. |
| | | PUNAHANA . p.o. b. | 10½ | 60½ | |
| | | PINANGWA . | 7 | 76½ | |
| | | FIROZEPUR-JHIRKA. Total marches, 8 = 90½ m. | 14 | 90½ | |

Route No. 188(d).

FROM DELHI TO ALWAR as far as BAHORA (for remainder, see Bombay Route Book No. 268 (4)).

via KASAN.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Gurgaon, Gurgaon. Dy. Commr. of Delhi, Delhi. | KUTAB MINAR . | 11 | 11 | NOTE.—This route is impracticable during the rains. See Route 188. |
| | | GURGAON . | 13 | 24 | |
| | | KASAN . p.o. | 12 | 36 | A small village; supplies on notice; plentiful good water from wells; C-G. in surrounding fields; road unmetalled, sandy and bad. A large village; supplies on notice; plentiful good water from wells; C-G. in surrounding fields; road as before. |
| | | BAHORA . | 6 | 42 | |
| | | Total marches, 4 = 42 m. | | | |

Route No. 189.

FROM DELHI TO BIKANER as far as SINGHANA (for remainder, see Bombay Route Book No. 198).

via NARNAUL.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Deputy Commr. of Gurgaon, Gurgaon. Resid. in Vol. Aget to Jyepore, the L.-G., Jyepore, Funga. | SOHUL-KI-SARAI . | 10 | 10 | See Route 188(a). |
| | | GARHI-HARSARU . | 13 | 23 | |
| | | PATAUDI . | 18 | 36 | |
| | | REWARI . | 13 | 49 | |
| | | BHALKI, MAZRA . | 11½ | 60½ | Two small villages; supplies on notice; plentiful good water; C-G. in fields; country as before; the road is heavy and sandy, but practicable for carts. |
| | | BEGPUR . 280 × 170 yds. | 9 | 60½ | |
| | | NARNAUL . 60,000 sq. yds. p.o. | 11½ | 80½ | A small village; supplies on notice; abundant good water from 3 wells in vicinity of C-G., latter 600 yds. from village; country and road as in last stage. An old town; supplies on notice; good water from a well and three tanks; no regular C-G., but site available; country and road as above; the Hansouti stream is crossed at 8½ m., generally dry, except in the rains. |
| | | SINGHANA . p.o. | 10 | 90½ | |
| | | Total marches, 8 = 90½ m. | | | A large town; supplies and water abundant; C-G. extensive and fairly good; country cultivated and studded with small hills; road fair but heavy in places. Khetri, a large place, is 10 m. S. of Singhana. |

FROM DELHI TO BIKANER as far as BASI (for remainder, see Bombay Route Book No. 198(1)):
via REWARI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS | |
|-----------------------------------|-------------------------------|--|---------------------------|-------|--------------------|---|
| Military | Civil | | Miles | Total | | |
| G. O. C. Meerut District, Meerut. | Dr. Commr., Delhi, Delhi. | SOHUL-KI-SARAI. | 10 | 10 | See Route 168 (v). | |
| | | GARHI-HARSARU. | 18 | 23 | | |
| | | PATAUDI . . | 18 | 36 | | |
| | | REWARI . . | 18 | 49 | | |
| | Dr. Commr., Gurgaon, Gurgaon. | BHALKI, MAZRA . | 11½ | 60½ | See Route 189. | |
| | | BEGPUR . . | 9 | 69½ | | |
| | | NARNAUL . . | 11½ | 80½ | | |
| | Resid. in Jyepore, Jyepore. | Pol. Agt. to the L-G., Panjab. | BASI . . . | 11 | 91½ | A small village; supplies from Narnaul; plentiful good water from wells; G.G. not marked, but plenty of spire in fields near village; country fairly cultivated and studded with small detached hills; road fair. |
| | | | Total marches, 8 = 91½ m. | | | |

Route No. 190.

FROM DELHI TO BULANDSHAHR.

via THE GRAND TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--------------------------------------|-----------------------|---|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Meerut District, Meerut. | Colts of Meerut. | GHAZIABAD. DADRI SICUNDARABAD . BULANDSHAHR p-o-t-s. b. Total marches, 4 = 48½ m. | 14½ | 14½ | See Route 266. A small civil stn. and old cantonment; supplies abundant; plentiful good water from a well on, and from other wells near C-G., which is at Bhur (0½ m.); country fairly cultivated; road as before, metalled and bridged. |
| | Colts of Bulandshahr. | | 11 | 25½ | |
| | Colts of Meerut. | | 11½ | 37½ | |
| | Colts of Bulandshahr. | | 11 | 48½ | |
| | Colts of Meerut. | | | | |

Route No. 190(a).

FROM DELHI TO BULANDSHAHR.

pid MUJAWALI

| AUTHORITIES. | | Names of stages and site of subsampling grounds | DISTANCE | | REMARKS. |
|--------------------------------|--|---|----------|--------|--|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Mesent Dist., Mesent. | Dy. Commr. Belandshahr, Belandshahr. Belandshahr. | BADARPUR . | 12½ | 12½ | See Route 13. |
| | | MUJAWALI . | 14½ | 27½ | A small village near right bank of the Jumna; supplies on notice; plentiful water from wells; no regular O.G., but extensive site available anywhere as country is level, open and fairly cultivated; road metalled at first, but for the most part a mere cart track. |
| | | SIGUNDARABAD . | 16½ | 43½ | See Route 26d. The road is a mere cart track as far as Daulaur, 5 m., thence to Bilaspur, 10 m., it is unmetalled but fair, remainder metalled; the Jumna is crossed on starting by ferry, one boat carrying 200 mds, available. |
| | | BULANDSHAHR . | 11½ | 54½ | See Route 100. |
| | | Tot. 1. marches, 4 = 51½ m. | | | |

Route No. 190(b).
FROM DELHI TO BULANDSHAHR.
via CHAINSA.

119

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dy. Commr. of Delhi, Bulandshahr. | BADARPUR . | 12½ | 12½ | } See Route 19. |
| | | BALLABGAH . | 11 | 23½ | |
| | | CHAINSA . | 11½ | 35½ | } See Route 25. |
| | | JHAJHAR . | 12½ | 47½ | |
| | | BULANDSHAHR . | 16 | 62½ | } See Route 190. Country as in last stage; road unmetalled for the first 5 m., thence metalled and bridged. |
| | | Total marches, 5 = 62½ m. | | | |

Route No. 191.
FROM DELHI TO HISSAR.
via ROHTAK AND HANSI.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dy. Commr. Bulandshahr, of Delhi, Bulandshahr. | MUNDKA . | 11 | 11 | A small village; supplies on notice; plentiful good water from 5 wells in vicinity of C-G., site for which is N. of and close to village; country open and fairly cultivated; road metalled and bridged; cross the Sanbi at 4, and pass Madipur at 6 m. |
| | | BAHADURGARH . | 8 | 19 | A large walled town; supplies abundant; plentiful good water from wells and a tank, on and near C-G., which is N-W. of and close to town; country and road as before; pass Tikri at 5 m. Two unmetalled but good roads branch off from camp to Jhajjar (16 m. S-W.) and Beri (20 m. W.) |
| | | SAMPLA . | 11½ | 30½ | A small village; supplies on notice; plentiful good water from a well and tank near C-G., which is W. of and close to village; country and road as above; pass Jakhodra at 4 and Rohad at 8½ m. An unmetalled road, 40 ft. wide, suitable for all arms, branches off from camp to Beri, distant 16 m. |
| | | ROHTAK . | 16 | 46½ | A small civil stn., with a sarai; supplies plentiful; abundant good water from a well and tanks in vicinity of C-G., which is E. of and close to town; country and road as above; pass Ismaila at 2½, and Kheri Sadh at 9 m. |
| | | MODINA . | 10 | 56½ | A small village; supplies on notice; plentiful good water from a well 100 yds. from C-G., which is S. of and close to village; country as above; road unmetalled except for first 2 m.; cross the Rohtak Branch canal (bridged) at 2 m. |
| G. O. C. Simla District, Umballa. | Dy. Commr. Hissar, Hissar. | MAHDI . | 9½ | 65 | A small town; supplies on notice; plentiful good water from 3 wells and a tank on and near C-G., which is W. of town; country and road as above; pass Kharkhara about half-way and cross a canal (bridge will not bear artillery) immediately afterwards. |
| | | SORKHI . | 12½ | 77½ | A village; supplies on notice; plentiful good water from a well and tank W. of and close to C-G., which is 100 yds. E. of village; country as above; road unmetalled, 40 ft. wide, passable for all arms; a few canal distributaries are crossed by strong masonry bridges. |
| | | HANSI . | 12 | 89½ | A small town and old cantonment; supplies procurable; abundant good water from a well and tank W. of C-G., which is 1½ m. S. of town; country and road as above; cross one irrigation channel by a strong bridge; pass Garhi at 4 and Dhana at 7 m. |
| | | HISSAR . | 14½ | 104 | A small civil stn.; supplies plentiful; abundant good water from a well S. of and close to C-G., which is 700 yds. W. of stn.; country as above; road, unmetalled, 60 to 70 ft. wide, passable for all arms, runs near the Pirozepore canal all the way. |
| | | Total marches, 9 = 104 m. | | | |

Route No. 192.
FROM DELHI TO MEERUT.
via BEGAMABAD.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut Dist. Meerut. | Collector of Meerut, Meerut. | GHAZIABAD . | 14½ | 14½ | See Route 206. |
| | | BEGAMABAD . | 14½ | 29 | A large village; supplies plentiful; abundant good water from a well; C-G. near r.s.; country level, open and cultivated; road metalled and bridged; pass Miradnagar r.s. at 8½ m. |
| | | MEERUT . | 20 | 49 | See Route 206. |
| | | Total marches, 3 = 49 m. | | | Country and road as before; pass Muhiuddinpur r.s. at 7½ m. |

Route No. 192(a).
FROM DELHI TO MEERUT.
via BAGPAT AND THE HINDAN RIVER.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut | Dy. Commr. of Delhi, Delhi. Collector of Meerut, Meerut. | From the Church to | | | |
| | | BAKHTAWAPUR . 260,000 sq. yds. | 12 | 12 | A small village; supplies on notice; plentiful good water from 4 wells; waste land E. of road available for C.G.; country level, open and fairly cultivated; road metalled and bridged, fit for all arms; cross the Jumna canal at 2½, and again at 5½ m. |
| | | BAGPAT . p.o.s | 0½ | 21½ | A small town; supplies plentiful; abundant water from a well and the Jumna; C.G. anywhere on surrounding cultivation; country and road as before; cross the Jumna at 9½ m. by bridge-of-boats in the dry season, by ferry in the rains, when 10 or 12 boats are available, each carrying about 200 mds. |
| | | HINDAN RIVER . Left bank of— | 15½ | 37½ | A halting stage; supplies on notice; plentiful good water from wells and the river, on cultivation on left bank of which is site for C.G.; country and road as before; cross the E. Jumna canal at 6½, pass Daula at 7, Jumanai at 8, Balani at 14½, and cross the Hindan R. (bridge-of-boats in dry weather, ferry in rains) at 16½ m. |
| | | MEERUT . | 10½ | 53½ | See Route 26. |
| | | Total marches, 4 = 53½ m. | | | Country and road as before; pass Raghunathpur at 1½, cross canal at 4½, and join the Delhi-Bagunabad-Meerut road at 18 m. |

Route No. 193.

FROM DELHI TO MHOW, NASIRABAD OR NEEMUCH as far as SHAHJAHANPUR.
(for remainder of these routes, see Bombay Route Book Nos. 224, 226 and 237 respectively).
via REWARI.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------------|---|-----------|--------|-------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dy. Commr. of Gurgaon, Gurgaon. | SONUL-KI-SARAI. | 10 | 10 | See Route 188(a). |
| | | GARHI-HARSARU | 13 | 23 | |
| | | PATAUDI . . | 13 | 36 | |
| | | REWARI . . | 13 | 49 | |
| | | SHAHJAHANPUR. 168,860 sq. yds. p-o. | 17 | 66 | |
| | | Total marches, 5 = 60 m. | | | |

Route No. 194.

FROM DELHI TO MORADABAD.
via PILKHUWA AND GARHMUKTESAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------|--|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Meerut. | GHAZIABAD . | 14½ | 14½ | See Route 266. |
| | | PILKHUWA . 120,885 sq. yds. p.o. | 14 | 28½ | A large village; supplies on notice; plentiful water from a well on C-G.; country level and well cultivated; road good, metalled and bridged; cross the Ganga canal at 8½ m. |
| | | OPHEYRA . 62,165 sq. yds. | 17½ | 46 | A small village; supplies on notice; good water from a well on C-G.; country and road as in last stage; pass Hapur at 7, and cross the Kali Nadi at 11½, and the Chota Nadi at 14 m. |
| | | GARHMUKTESAR . 128,063 sq. yds. p-o. b. | 18 | 60 | A large town on right bank of the Ganges; supplies plentiful; abundant good water; C-G. 1 m. W. of town; country and road as above; pass Athrauni at 6½, and join the road from Meerut at 12½ m. |
| | | KUMRALA . 160,180 sq. yds. | 10½ | 69½ | A village; supplies on notice from Dhanowra, 8 m. N.; plentiful good water from 2 wells on C-G.; country and road as before; latter very heavy across the old bed of the Ganges; cross the Ganges at 2, and a tributary at Tigri at 6 m.; bridges-of-boats at both places in the dry season and ferry (10 or 12 boats, each carrying 160 mds.) in the rains; pass Karala at 7½ m. |
| | | RAJABPUR . 98,040 sq. yds. p-o. | 0½ | 78½ | A large village; supplies on notice; good water for 500 men and 200 animals from a well on C-G., which is N. of road; country and road as before; cross the Chota Nadi at starting, pass Jalalpur at 3½, and Jhankpur at 6½ m. |
| | | BUDHANPUR . 121,800 sq. yds. | 12½ | 91½ | A small village; supplies on notice from Amroha; plentiful good water from a well on C-G., which is N. of road; country and road as before; pass Narangpur at 5½, Jua at 6 and Hariana at 7½ m. |
| | | MORADABAD . | 12½ | 103½ | See Route 27. |
| | | Total marches, 8 = 103½ m. | | | Country and road as before; pass Lodhipur at 4, and cross the Gaughan stream (bridged) at 6½ m. |

Route No. 195.
FROM DELHI TO SAHARANPUR.
via BAGPAT AND SHAMLI.

121

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Delhi, Delhi. | BAKHTAWAPUR. | 12 | 12 | See Route 192(a). |
| | | BAGPAT | 9½ | 21½ | |
| | Collr. of Meerut, Meerut. | BARAUT p-o. t-s. | 12 | 33½ | A large village on left bank of the E. Jumna canal; supplies and good water plentiful; C-G. of unlimited area, in adjacent fields; country level, open and well cultivated; road unmetalled, only passable in dry weather; pass Sarapur at 7 m. |
| | | AILAM. | 14 | 47½ | |
| | Collr. of Mirzapur, Mirzapur. | SHAMLI 85,120 sq. yds. p-o. t-s. | 18 | 60½ | A large village; supplies on notice; abundant good water from 8 wells and canal; C-G. in adjacent fields; country and road as before; pass Kishanpur at 7 m. |
| | | JALALABAD p-o. | 14½ | 75½ | |
| | Collr. of Saharanpur, Saharanpur. | RAMPUR p-o. | 18½ | 88½ | A town; supplies and good water plentiful; C-G. N-W. of town; country and road as before; pass Kandhla at 4½ m. |
| | | SAHARANPUR 875 x 245 yds. p-o. t-s. r-s. b. | 14 | 102½ | |
| | | Total marches, 8 = 102½ m. | | | A small civil stn.; supplies abundant; plentiful good water from 2 wells on C-G., latter N. of road and close to r-s.; country fairly cultivated; road as above. |

Route No. 196.
FROM DERA GHAZI KHAN TO LORALAI as far as KHARR (for remainder, see Bombay Route Book No. 219).
via FORT MUNRO.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan. | GADAI 400 × 400 yds. | 11 | 11 | A village; supplies on notice; good water from a well on C-G., which is close to village; country level and cultivated; road 24 ft. wide, unmetalled, but hard and good for wheeled traffic in dry weather, though liable to be flooded in parts by the bursting of cultivators' bunds. |
| | | TOMBI WALA 400 × 400 yds. | 10 | 21 | A halting place; supplies must be collected; good water from a well (200 ft. deep) on C-G., and may be stored in iron tanks on notice; country as above for first 2 m., thence barren with sand hills; road 24 ft. wide, centre 9 ft. metalled. |
| | | SAKHI SARWAR p-o. b. | 8 | 29 | A village; supplies scarce; good water from a well (180 ft. deep) on extensive C-G., and may be stored in iron tanks on notice; country sandy, with low hills and a few stunted trees; road metalled and good; nullahs generally fordable. |
| | | KAKHI GORGE 91,960 sq. yds. | 16 | 45 | A halting place; supplies must be collected; good water from iron tanks on C-G., supplied by pipes from the gorge; country barren and stony; road as above; nullahs always fordable. |
| | | KHARR (FORT MUNRO). 84,840 sq. yds. p-o. | 13 | 58 | A village, situated in a cultivated valley (1 m. × ½ m.), surrounded on all sides by rocky hills; supplies procurable; plentiful good water from a covered reservoir near C-G., which has a store-house on it; country hilly; road and nullahs as above, the former runs through a gorge in the hills and then along the Girda valley; at 6½ m. at Girda there is small site for encampment; cross the Kakhi nullah five times <i>en route</i> , the last time by a strong bridge. Fort Munro is 2 m. S-W. of, and 1,000 ft. above, Kharr. |
| | | Total marches, 5 = 58 m. | | | |

Route No. 197.
FROM DERA GHAZI KHAN TO RAJANPUR.
via FAZILPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Dera Ghazi Khan, Dera Ghazi Khan. | KOT-CHUTTA 47,045 sq. yds. p-o. b. | 14 | 14 | A small village; supplies procurable; plentiful good water from wells and a canal; C-G. S. of village; country level, open and jungle; road unmetalled, but bridged and passable for all arms; pass Gaggia at 5½ m. |
| | | JAMPUR 225 x 205 yds. p-o. t-s. b. | 18 | 32 | |
| | | | | | A small town; supplies procurable; plentiful water from wells and a canal; C-G. W. of town; country as above; road unmetalled, heavy in places but passable for all arms; pass Mans, a large village, at 6½ m. |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Dera Ghazi Khan, Dera Ghazi Khan. | MUHAMMADPUR . 97,070 sq. yds. b. | 12 | 44 | A village; supplies procurable; plentiful good water from one well on, and others in vicinity of C-G., which is W. of village; country and road as before, latter liable to inundation after heavy rain. |
| | | FAZILPUR . 285 x 170 yds. p-o. b. | 13 | 57 | A village; supplies procurable; plentiful good water from one well on, and others in vicinity of C-G., which is S. of village; country and road as above. |
| | | RAJANPUR . p-o. b. & c. | 15 | 72 | A small civil stn. and old cantonment; supplies plentiful; abundant good water from numerous wells in vicinity of C-G., latter on parade ground; country and road as above; pass Kotla Isan at 8 m. Mithankot (p-o.) is 10 m. S-E of Rajanpur. |
| | | Total marches, 5 = | | | |
| | | 72 m. | | | |

Route No. 197(a).
FROM DERA GHAZI KHAN TO RAJANPUR.

via HAJIPUR

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Dera Ghazi Khan, Dera Ghazi Khan. | KOT-CHUTTA . | 14 | 14 | NOTE.—Water is very scarce on this route, and No. 197 is in every way preferable. See Route 197. |
| | | JAMPUR . | 18 | 32 | |
| | | DAJAL . p-o. b. | 14 | 46 | A village; supplies procurable; water scarce and brackish; C-G. near b.; country a barren plain; road unmetalled, in good order and fit for all arms; it is sometimes impassable after very heavy rain. |
| | | HAIJIPUR . p-o. | 14 | 60 | A village; supplies procurable; water, scarce and brackish, from only one small well; ample waste land available for C-G.; country and road as in last stage. |
| | | RAJANPUR . p-o. b. & c. | 18 | 78 | See Route 197. Country and road as above. |
| | | Total marches, 5 = | | | |
| | | 78 m. | | | |

Route No. 197(b).
FROM DERA GHAZI KHAN TO RAJANPUR.

via THE FRONTIER ROAD.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan. | KOT-CHUTTA . | 14 | 14 | NOTE.—The civil authorities must be consulted before using this route, as the water-supply varies much at different seasons. See Route 197. |
| | | CHOTI . p-o. b. | 12 | 26 | |
| | | GUNGEHAR . | 12 | 38 | A small town; supplies plentiful; abundant good water from wells and the Alanka canal; a large open space near village available for C-G.; country a vast desert; road good, 10 to 40 ft. wide, unmetalled, passable for all arms. The route from Dera Ghazi Khan by Faiga is 4 m. shorter, but can only be used during the cold weather, as canals are not bridged. |
| | | HARRAND . p-o. b. | 18 | 56 | A small outpost; supplies scarce; good water for 400 men from a well in post; ample space for C-G.; country a sandy desert; road unmetalled, 8 ft. wide, suitable for cavalry and infantry, but would be very difficult for artillery; impassable after heavy rain. |
| | | DRIGRI . | 12 | 68 | A small village with fort, part of which is kept up as a military outpost; supplies plentiful; abundant good water from streams; C-G. S. of, and close to, fort; country and road as in last stage. |
| | | RUM-KA-THUL (KOT-RUM) | 10 | 78 | A small village with fort; supplies scarce; good water, for 500 men, from wells in bed of the Onchar stream; ample waste land for encampment; country cultivated at first, then barren; road unmetalled, 20 to 20 ft. wide, passable for all arms. Harrand and Drigri command the routes leading to the Onchar pass. |
| | | MUHAMMADPUR . | 12 | 90 | A frontier outpost; supplies scarce; water for 600 men from one well, but somewhat brackish; space available for extensive C-G.; country a desert; road as in previous stage. |
| | | RAJANPUR . | 8 | 98 | A small outpost; supplies scarce; brackish water for 400 men from one well; C-G. any where near village; country and road as in last stage. |
| | | Total marches, 8 = | | | See Route 107. Country and road as in previous stages. |
| | | 98 m. | | | |

Route No. 198.
FROM DERA ISMAIL KHAN TO DARABAN.
via KULACHI.

123

| ACTIVITIES. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Dera Ismail Khan, Dera Ismail Khan. | HAINDAN . 34,096 sq. yds. b. | 16 | 16 | A small village; supplies and water scarce, latter totally dependent on the rainfall; C-G. S-W. of village; country level and open; road unmetalled, but good and passable for all arms in dry weather; during the rains it is unfit for wheeled traffic; cross the Shahidan ravine at 10 m., unfordable when in flood. |
| | | MADDI . p.o. | 6 | 22 | A village; supplies limited; water for about 500 men from rain-water tanks; ample space for C-G.; country and road as in last stage. |
| | | KULACHI . 80,685 sq. yds. p.o. b. | 7 | 29 | A town; supplies abundant; water is obtained by digging pits in bed of the Luni stream; there are also a few wells, but water somewhat brackish; C-G. S. of town; country and road as above; a branch of the Luni stream and one other ravine, impassable when in flood, are crossed en route. |
| | | DARABAN . 68,816 sq. yds. p.o. b. | 15 | 44 | A village and military post; supplies plentiful; abundant good water from canals; C-G. W. of village; country and road as above; cross the Luni stream (generally dry) on starting, and pass Garah Mastan at 9 m. |
| | | Total marches, 4 = 44 m. | | | |

Route No. 199.
FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.
via BHAKKAR, KAROR, LEIAH AND DAERADIN-PANAH.

| ACTIVITIES. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Dera Ismail Khan, Dera Ismail Khan. | LAK . | 7 | 7 | NOTE.—For forries, etc., over the Indus, see remarks on page (1). A small village near left bank of the Indus; supplies on notice; plentiful good water from wells in vicinity of C-G., extensive site for which is near village; country low and jungly, flooded from May to October; road unmetalled, and suitable for wheeled traffic only when floods are over and the country dry; cross the Indus towards end of stage, by ferry or bridge-of-boats. |
| | | BHAKKAR . 30,310 sq. yds. p.o. t-r-a-b. | 19 | 26 | A town on edge of the desert; supplies procurable; abundant good water from wells on and near C-G., which is E. of road and close to r-a.; country low, covered with jungle and flooded in hot weather; road 22 ft. wide, fair and passable for carts in cold weather. |
| | | NOTAK . | 11 | 31 | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., small site for which is on road-side near village; there are two roads from Bhakkar, one 22 ft. wide, running along the low alluvial lands, the other 55 ft. wide, in the Thal or desert; the former is impracticable in hot weather, and the latter unfit for carts. |
| | | JHARKAL . 110 x 110 yds. | 9 | 40 | A village; supplies on notice; abundant good water from wells in vicinity of village, site for which is E. of and close to village; at Chuni, 7 m., the lower road joins the main road, which is very sandy. |
| | | KAROR . p.o. r-a. b. | 8 | 48 | A small town; supplies on notice; plentiful good water from wells in vicinity of C-G., small site for which is N-W. of and close to r-a.; country sandy but fairly well cultivated; road 24 ft. wide, unmetalled and heavy in places. |
| | | DORATTA (DORCHARKA) . 230 x 120 yds. | 11½ | 59½ | A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is E. of road and close to village; country and road as in last stage. |
| | | LEIAH . 240 x 110 yds. p.o. r-a. b. | 7 | 66½ | A large town, situated on a small branch of the Indus, about 11 m. E. of main stream; supplies abundant; plentiful good water from wells on and near C-G., which is about 1 m. S. of r-a.; country and road as above. |
| | | KOSULTAN . 18,810 sq. yds. p.o. r-a. b. | 12 | 78½ | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is close to village; country and road as before. |
| | | DAERADIN-PANAH . p.o. r-a. b. | 14½ | 93½ | A large village with police stn.; supplies on notice; forage scarce; plentiful good water from a well near C-G., site for which is E. of village and close to police stn.; country and road as before; cross two sand-hills at 4 and pass Ahsampur at 9 m., where a road branches off to Rangpur, distant about 39 m., <i>via</i> Munda, 18 m. |
| | | KOT-ADU . p.o. r-a. b. | 7 | 100½ | A large village; supplies procurable; abundant good water from a well and canals near C-G., site for which is on road-side close to village; country and road as above. From Kot-Adu a road branches off to Mooltan <i>via</i> Bhuki, and a narrow footpath runs N-E. to Munda, 18 m. |
| | | SINANWAN . p.o. r-a. b. | 10 | 110½ | A village; supplies procurable; abundant good water from wells in vicinity of village, anywhere near which is extensive site for C-G.; country and road as above. The Mooltan and Muzaffargarh roads (distant 33 and 22½ m. respectively) branch off here. |
| | | GUJRAT . 110 x 110 yds. p.o. | 11 | 121½ | A small village; supplies procurable; plentiful good water from a well 200 yds. from C-G., which is on road-side, close to village; country and road as above. |
| | | GHAZI-GHAT . 79,020 sq. yds. p.o. r-a. | 8 | 129½ | A r-s. on left bank of the Indus; supplies on notice; good water from the river, on bank of which is C-G.; country and road as above, latter unbridged and sandy near the river. |
| | | DERA GHAZI KHAN . 400 x 400 yds. p.o. t-r-a. b. | 8 | 137½ | A cantonment; supplies abundant; plentiful good water from wells in vicinity of C-G., latter N-W. of cantonments on the Bind-Peshin road; country and road as above, latter very sandy on right bank of the river; cross the Indus on starting by ferry. For roads from Dera Ghazi Khan to Dring, Fort Sandaman, Gumbar, Jacobabad and Loralai, see Bombay Route Book Nos. 205, 207, 209, 212 and 210 respectively. |
| | | Total marches, 14 = 1 6½ m. | | | |

G. O. C. Punjab Frontier Force, Abbottabad.
Dy. Commr. of Dera Ghazi Khan, Dera Ghazi Khan.

Deputy Commissioner of Muzaffargarh, Muzaffargarh.

G. O. C. Lahore District, Muzaffargarh.

FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.

via THE DISTRICT ROAD.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCES. | | REMARKS. |
|--|--|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force Abbottabad. | Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. | DARABAN KHURD | 11 | 11 | NOTE—No. 199 is preferable to this route though longer, as it is near the line of ry., and is not so much subject to floods. |
| | | PAROA 33,600 sq. yds. p-o. | 10 | 21 | A small village; supplies limited; good water from streams; unlimited space can be cleared for C-G. on due notice; country level, open, and partially cultivated; road unmetalled and partly bridged, passable for light wheeled transport in fine weather, but intersected by nullahs which are difficult during the rains. |
| | | MIRAN 107,826 sq. yds. p-o. b. | 11 | 32 | A village; supplies procurable; good water from the Indus, 8 m. from C-G, latter being N-E. of village; well water suitable for animals only; country and road as before. |
| | | KALUWAL 48,286 sq. yds. p-o. b. | 11 | 43 | A small village; supplies procurable; good water from the Indus; space for C-G. near village; country and road as above; pass Trimun at 0 m. |
| | | NUTKANI 48,286 sq. yds. p-o. b. | 10 | 53 | A village; supplies plentiful; good water from the Indus; space can be cleared for C-G. on due notice; country, road and nullahs as above. |
| | | TIBBI p-o. | 6 | 59 | A village; supplies procurable; good water, for a battn., from 4 wells in village, none which is extensive site for C-G.; country, road and nullahs as before. |
| | | NARI | 10 | 69 | A small village; supplies procurable; good water, for a battn., from 8 wells in village, near which is extensive site for C-G.; country, road and nullahs as above. |
| | | TAUNSA 216 x 120 yds. p-o. to b. | 12 | 81 | A good-sized town; supplies and water plentiful, latter from one well adjoining the ground and 4 wells in town, N. of which is C-G.; country and road as above, passable for all arms; pass Dunra at 0 m. |
| | | AHMIDANI 48,600 sq. yds. b. | 10 | 97 | A village; supplies procurable; abundant water from wells but somewhat brackish, C-G. W. of village; country barren and jungly; road as above; pass Dobra at 4 m. |
| | | KALA | 7 | 104 | A small village; supplies procurable; abundant good water from wells; C-G. anywhere in vicinity of village; country partially cultivated; road as above; pass Lund (p-o) at 2 m. |
| | | SHAH SADR-UD-DIN. | 6 | 110 | A small village; supplies scarce; abundant good water from wells; C-G. W. of village; country and road as in last stage. |
| | | PIR ADIL | 9 | 119 | A village; supplies procurable; water from numerous wells near village; ample open space for C-G.; country and road as above. |
| | | DERA GHAZI KHAN. | 8 | 127 | See Route 109. |
| | | Total marches, 18 = 127 m. | | | Country and road as before; cross the Shoria canal (bridged) at 4½ m. |

Route No. 199(b).

FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.

via THE FRONTIER ROAD.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCES. | | REMARKS. |
|---|--|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. | KHUTHI | 13 | 13 | NOTE.—The civil authorities should always be consulted re the water supply before using this route. |
| | | SAGGU 109,686 sq. yds. | 6 | 19 | A small village; supplies procurable; water scarce and quantity totally dependent on rainfall; plenty of space can be cleared for C-G. on notice; country level and open with partial cultivation; road neither metalled nor bridged, a fair road for pack animals in the dry season only. |
| | | DARABAN | 11 | 33 | A small village; supplies scarce; water obtained by digging pits in the bed of the Luni stream; C-G. S. of village; country and road as above; cross the sandy bed of the Luni (generally dry, but impassable when in flood) just before reaching village. |
| | | CHAUDHWAN 86,816 sq. yds. p-o. b. | 11 | 44 | See Route 108. |
| | | KOT THAGA KHAN | 7 | 51 | Country and road as above; two deep ravines (impassable when in flood) are crossed en route. |
| | | KIRI SHAHMOZAI 72,206 sq. yds. b. | 10 | 61 | A village and outpost; supplies plentiful; abundant water from canals; C-G. N-W. of village; country and road as before, latter difficult in rains on account of nullahs; cross the Gudhi stream at 2 m. |
| | | DAULATWALA | 11 | 72 | A small village; supplies on notice; water very scarce and only procurable by digging pits in bed of nullah; space for C-G. can be cleared on notice; country and road as in previous stages, latter heavy in places; cross the Gujistan stream just before reaching village. |
| | | | | | An important village; supplies scarce; water obtainable by digging pits in bed of the Gujistan stream; C-G. E. of village; country and road as before; cross the Ramak stream just before reaching village. |
| | | | | | A village; supplies and water scarce; the latter depends on the rainfall; C-G. country and road as before. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan. | VEROA 153,545 sq. yds. p-o. b. | 8 | 80 | A large village; supplies plentiful; abundant water from streams; C-G. N-W. of village; country and road as before; cross the Vehoa stream en route. |
| | | JHOK BUDHU | 12 | 92 | A small village and outpost; supplies procurable; limited quantity of water from one well; C-G. country and road as above; cross the Litri nullah en route. |
| | | MIANGROTHA p-o. | 16 | 108 | A large village and outpost with a fort; supplies procurable; abundant good water from a perennial stream; C-G. anywhere near village; country cultivated; road as before; pass Kol-kasrai (p-o.) at 9 m. |
| | | MAHOI | 12 | 120 | An outpost commanding the Mahoi pass, one of the routes into the Buzdar hills; supplies scarce; water, for a bath, from a well in the post; C-G. on waste land; country barren; road as above; cross the Sanghar nullah and pass Bughlani en route. |
| | | MANDANI | 10 | 130 | A village and frontier post commanding the Leri pass and entrance to the Buzdar hills; supplies scarce, but procurable; limited quantity of brackish water from one well; C-G., country and road as in previous stage. |
| | | YARU p-o. | 16 | 146 | A large village; supplies on notice; good water from numerous wells in village; C-G., country and road as before. |
| | | DERA GHAZI KHAN. | 14½ | 160½ | See Route 190. Country scantily cultivated; road as before, but low-lying and often impassable after rain; the Dhoori, Maska and Shoria canals, all strongly bridged, are crossed en route. |
| | | Total marches, 14 = 160½ m. | | | |

Route No. 200.

FROM DERA ISMAIL KHAN TO FORT SANDEMAN as far as JATTA (for remainder, see Bombay Route Book No. 205).

via TANK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan. | POTHA 28,310 sq. yds. b. | 16 | 16 | A village; supplies procurable; good water from the Gomal stream close to C-G., level site for which is opposite village and N. of road; country level, open and fairly cultivated; road metalled and bridged. |
| | | HATHALA 164,480 sq. yds. p-o. b. | 10 | 26 | A town; supplies procurable; water from the Gomal stream; camp on level ground opposite b.; country and road as above; from here a road goes to Kulachi. |
| | | TANK 18,615 sq. yds. p-o. t-w. b. | 16 | 42 | A small town and military post; supplies plentiful; abundant water from tanks and canals; site for C-G. S-E. of town; country and road as above. |
| | | JATTA p-o. t-s. | 15 | 57 | A frontier post; supplies procurable; abundant good water from a tank, near which is an extensive site for C-G.; country as before; road metalled and bridged, fit for all arms; pass Hayat at 2, Fort Dabra at 10½ and Jatta village at 13½ m. |
| | | Total marches, 4 = 57 m. | | | |

Route No. 201.

FROM DERA ISMAIL KHAN TO WANO.

via THE GOMAL PASS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan. Political Officer, Wano. | POTHA | 16 | 16 | See Route 200. |
| | | HATHALA | 10 | 26 | |
| | | TANK | 16 | 42 | |
| | | MURTAZA POST | 18 | 60 | |
| | | NILI KACH | 11 | 71 | A military post; supplies on notice; water from 3 nullahs which run through the C-G., it being on right of road, close to post; the road is being metalled; pass Jatta at 15 m. where there is plenty of open ground for encampment; numerous water-channels are crossed by bridges, but they are narrow and weak. |
| | | KHAJURI KACH p-o. t-s. | 16 | 80 | A walled sarai; water in nullah running close under fort should be avoided for drinking purposes; all drinking water should be brought from the Gomal stream, about 2 m. distant; irrigation channels bridged; the road leads due W. and at 1 m. crosses a branch of the Gomal (bridged); at 2½ m. the stream is crossed by a wooden bridge, and the road then continues up and down along the right bank to 3½ m. where the old and new roads diverge; the latter, although about 1½ m. longer than the former, avoids crossing the stream again and keeps to the right bank the whole way to Nili Kach, joining the old road at 6½ m. |

A military and levy post; supplies on notice; the Zhob and Gomal streams unite here, but water for drinking purposes should be taken from the latter above the junction; ample space for C-G.; after leaving Nili Kach either of the two roads may be followed, but the best leads over the "Land Gwaleri"; it is

| AUTHORITIES. | | Names of places or lists of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Political Officer, Wano. | NGANDE OBA | 16½ | 101½ | <p>stony, but the descent from the <i>Lotai</i> is a made zigzag road and is easy; the two roads meet again in the Gwaleri (or Rimman) nullah. This road is called the new road, and is not liable to be interfered with by floods like the other; at about 8 m. the Gwaleri nullah bifurcates, the left branch leading to the Manani Kotai and the right to the Gwaleri Kotai; keeping to the newly-made road, at 8½ m. the ascent to the Gwaleri Kotai is commenced by an excellent hill road, and at 10 m. the crest (8,600 ft.) is reached; the descent is rather steeper than the ascent; at about 11 m. the road enters a narrow, stony nullah bed until at 12½ m., when it strikes across a plateau and then keeps to the hillside above the level of the river to Khajuri Kach.</p> <p>A levy post; supplies must be collected; the water-supply is scanty from springs and pools S. of the post, in vicinity of which is plenty of space for C.G.; the road descends from the Khajuri Kach post into the bed of the river, and at 1 m. crosses the Zheb and at 1 m. the Gomai streams; water in both about 1 ft. deep in October; it then follows the right bank of the Karkana nullah in a N-W. direction over a stony plain to 4½ m., when it crosses the nullah; at 5 m. it enters the nullah and at 6 m. ascends the right bank, and after crossing the nullah twice leaves it and turns westward to the Karkana Kotai, where a road leads W. to Spia; crosses the Gardai Dag at 10½ m., and after gently rising and falling, and crossing some nullahs, Ngando Oba is reached at 16½ m.</p> <p>A military and levy post, with a large fortified enclosure; abundant supply of good water; the road crosses a level plateau and two nullahs in the first mile, then ascends a small <i>Lotai</i>, from which it descends to a small gorge of the Sanzala at 2½ m.; it winds up the gorge among low hills, until it comes out on a plateau at 4½ m., near a perennial spring; a large water channel which takes off from the Toi above Karab Kot is brought into the Sanzala near this point; the road follows the line of this water channel for some 2 m. past the walled village of Karab Kot, and at 9½ m. descends to the bank of the Toi, passing some walled villages and towers and the junction of the Tiarza nullah, up which a track, fit for laden camels, leads to Khaisara; at 11½ m., when just E. of Kotkum hill, it ascends the left bank of the Toi on to the Wano plateau.</p> |
| | | WANO | 14 | 115½ | |
| | | Total marches, 8 = | | | |
| | | 116½ m. | | | |

Route No. 201(a).
FROM DERA ISMAIL KHAN TO WANO.
via THE SHAHUR AND KHAISARA VALLEYS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | By Commr. of Dera Ismail Khan, Dera Ismail Khan. Political Officer, Wano. | POTHA | 10 | 10 | See Route 200. |
| | | HATHALA | 10 | 20 | |
| | | TANK | 10 | 40 | |
| | | KOT KIRGHI | 18½ | 58½ | |
| | | JANDULA p-o. t.s. | 6 | 64½ | <p>An outpost; good water from the Zam; plenty of space for C-G. W. and S. of the outpost; the road descends steeply and follows the bed of the Zam some 4½ m. to the Hinda Tangi; the stream has to be forded some 16 times, causing considerable delay to baggage animals; about 1 m. from the western end of the Hinda Tangi the road ascends to a cultivated plateau, along which it passes until the outpost is reached.</p> |
| | | HAIDARI KACH | 9½ | 71 | |
| | | BARWAND | 12 | 83 | <p>A levy post; good water from the Shahur, on right bank of which is spacious site for C-G; the road descends the right bank and continues up the rough and stony bed to the junction of the Zam and Shahur rivers at 4 m.; the bed of the Shahur is then followed; at about 6½ m. the river enters the Shahur Tangi; this defile is 2½ m. long with precipitous heights on each side. Track there is little or none, and a way has to be picked between the boulders, and the stream constantly forded; this route being a confined river-bed is not capable of much lasting improvement, and must be dangerous, if not quite impassable, during floods; on leaving the Shahur Tangi at 7½ m., the Shahur (now wider) is followed for ½ m., and a track then ascends the right bank on to an open plateau, commanded by hills on the S., to the levy post.</p> |
| | | TANGI RAGHA | 8½ | 91½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Political Officer, Wano. | KUNDIWAM | 7 | 98½ | A group of villages at lower end of the Khatsara Valley; fodder and sheep plentiful; good water from the Shahur Algal; camp on a plateau, plenty of room but most of the ground cultivated; road throughout improved; descend and cross stream, thence an easy ascent by new road and round hill at E. end of Nari Tangi, whence descend into a ravine and cross a low spur to river bed at 2 m.; then for a mile up river-bed, turn up ravine to right and ascend to the Nari Raghra (where there is ample space to camp and abundant good water); the above road avoids the lower Nari Tangi, which is so narrow that a laden camel can scarcely pass through, the distance by it being 1½ m.; leaving Nari Raghra descend into ravine and up it for about a mile, then ascend (gradient easy) to the Shunawani Kotai; from the top descend about ½ m. by easy road into a nullah and down it to Kundiwam. |
| | | WANO | 12 | 110½ | |
| | | Total marches, 10 = 110½ m. | | | |
| See Route 201. Road is along the Shahur Algal for about 1½ m. to the foot of the Traiza Kotai, crossed at 8 m., then along the bed of a nullah to 9 m., thence by the bed of the Tol, when at about 11 m. the Wano plain is reached; road passable except in time of flood. | | | | | |

Route No. 201(b).
FROM DERA ISMAIL KHAN TO WANO.
via SARWAKAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. Punjab Frontier Force, Abbottabad. | Political Officer, Wano. | Dr. Gumar, of Dera Ismail Khan, Dera Ismail Khan. | | | |
| | | POTHA . . . | 16 | 16 | See Route 200. |
| | | HATHALA . . . | 10 | 26 | |
| | | TANK . . . | 10 | 42 | |
| | | KOT KIRGHI . . . | 18½ | 65½ | See Route 201(a). |
| | | JANDULA . . . | 6 | 61½ | |
| | | HAIDARI KACH . . . | 9½ | 71 | |
| | | SARWAKAI . . . p-o. 1-2. | 11 | 82 | A military outpost; camel grazing plentiful; water-supply good and abundant from springs to the W. of the post; spacious site for C.G.; crossing the river the track crosses a plateau on the left bank for about a mile, and then crosses to the right bank, which is followed for about ½ m.; it then proceeds up the bed of the river until the junction of the Shahur and Danaoli rivers is reached at 1½ m.; here the route goes up the bed of the Danaoli to 6½ m., then leaves the bed, and ascending the left bank crosses a small plain and spur and descends again to the bed; the track now crosses a plain in a westerly direction until it reaches the lower slopes of a spur from Kundighar, on which Sarwakai Post is built. |
| | | NGANDE OBA . . . | 11 | 98 | |
| | | WANO . . . | 14 | 107 | |
| Total marches, 9 = 107 m. | | | | | See Route 201. Descending the Sarwakai spur the road crosses the lower spurs running out S. from Kundighar until the Madijar plain (good pasturage for cattle after the rains) is reached; at 6 m. the water-shed between the Shahur and Gomal rivers is reached, and there is then a fairly easy descent of 1½ m.; the road then rises over a low ridge from which there is a steep descent of about 100 ft. to Dargai (room here for a brigade to camp, but water scarce); it then leads in a westerly direction to Ngande Oba. |

Route No. 202.
FROM DERBAND (HAZAKA) TO OGHI, in the Agror Valley.

| AUTHORITIES. | | Name of stage and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|-----------------------------------|--|-----------|--------|---|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Punjab Frontier Force, Abbottabad. | By Command of Hazara, Abbottabad. | NIKA PANI | 9 | 9 | NOTE.—The stage Shergarh may be omitted, the distances being short. The road is about 10 ft. wide, and unmetalled; practicable for cavalry and camel transport; gradient generally easy, but in places 1 in 10. | |
| | | SHERGARH | 7½ | 16½ | | A small village on right bank of the Unar; supplies must be taken on from Derband; water from the river; extensive space for C-G. close to the village; country mountainous; pass Baroli at 3 m., where the road descends to the Unar and continues along its banks, crossing the stream several times. |
| | | OGHI | 4½ | 21 | A small village on left bank of the Unar; supplies must be taken on from Derband; water from the river; extensive site for C-G.; country as in last stage; pass Chukal at 4 m. | |
| | | Total marches, 3 = 21 m. |  |  |  |  | See Route 1(a). Country as before. |

Route No. 203. FROM DHARMSALA TO SRINAGAR.

via CHAMBA, BHADARWA, AND KISHTWAR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|--------------------------------------|---------------------------------|--|---------------------|--------------------------------|---|---|
| Military. | Civil. | | Miles. | Total. | | |
| G.O.C. Lahore District, Meeran Meer. | Dy. Commr., Kangra, Dharmasala. | Superintendent of Chamba, Chamba. | SHAHPUR . . . | 12½ | 12½ | See Route 175. |
| | | | SIHUNTA p.o. . . | 12 | 24½ | A good-sized village; supplies and good water procurable; extensive site for G.G. new village; country fairly level and partially cultivated; road a good mule track. |
| | | | CHAOHARI . . . | 13 | 37½ | See Route 175(a). Road fair, but fatiguing owing to crossing a number of small hills; there is another road from Dharmasala to Chaohari via Nurpur. |
| | | | CHAMBA . . . | 15 | 52½ | See Route 174. Road fairly good with occasional ascents and descents; a suspension bridge over the Ravi near Mangla village. |
| | | | MANJERI . . . | 14 | 66½ | A small village; supplies and good water procurable; country mountainous, and for the most part uncultivated; road good at first, afterwards stony and difficult; a steep descent to a branch of the Ravi (bridged); then pass by an old garden, called Saroli, after which there is a stiff ascent up a stony ravine then along the side of a hill for 2 m.; descend through the stony bed of a dry hill torrent to the banks of the Shun, a tributary of the Ravi; the stream is very rapid, but of no great width at the ferry; then ascend to Manjeri, which is situated about ½ m. from the top of a hill. |
| | | | SUNU . . . | 14 | 80½ | A good-sized village; supplies and good water abundant; country and road as in last stage; after finishing the ascent, the road descends to the Shun, which is crossed at Digi at about 9 m., and thence continues along the river bank to Sonu. |
| | | | LANGERA . . . | 10 | 90½ | A small hamlet, elevation 5,078 ft., consisting of six or seven houses, on the roofs of which tents must be pitched, there being no level ground near; no supplies; good water procurable; country as above; road tolerably good, following the windings of the Shun; occasionally stony ascents and descents. |
| | | | TENALA . . . | 18 | 108½ | A small village at the foot of the Padri pass; supplies scarce; good water procurable; country mountainous, with but little cultivation; road difficult; a steep ascent to the top of the pass, following the stony bed of a stream (elevation of the summit about 9,000 ft.), then a long descent to Tenala. |
| | | | BHADARWA p.o. . . | 6 | 109½ | A considerable-sized place, elevation 5,100 ft.; supplies and water abundant; country a valley with rice cultivation; road good, crossing several small hill streams. |
| | | | JARA . . . | 17 | 126½ | A small village; supplies scarce; good water procurable; country mountainous; the valleys are covered with apple, pear, and guinea trees; road very fair; cross over a small hill on starting and pass Chinchora at 5 m.; thence a long ascent to the ridge of a hill, along which the road runs level for some considerable distance; a similar descent on the other side. |
| | | | JOSHNI . . . | 14 | 140½ | A small village; supplies scarce; good water procurable; country at first well wooded, afterwards bare hills, with the Chenab flowing below; road difficult in places; nullah bridged. |
| | | | KISHTWAR p.o. . . | 15 | 155½ | A large town with fort (elevation 5,000 ft.), on an elevated plateau at junction of the Chenab and Maru Wardwan rivers; supplies and good water plentiful; country mountainous, with little cultivation; road difficult and in places narrow, following the windings of the Chenab. |
| | | | MUGHAL MAIDAN . . . | 10 | 171½ | A small village; supplies very scarce; plentiful good water; country wooded; road difficult in places; on starting there is a long descent down some stone steps to the Chenab, the bridge over which is very primitive; 1 m. farther on the Maru Wardwan is crossed by a similar bridge; the road then ascends for about 5 m., after which there is a steep descent to C.G.; laden coolies can cross these bridges, but not ponies or mules. |
| | | | Kashmir Territory. | Resident in Kashmir, Srinagar. | SINGPUR . . . | 16 | 187½ | A few huts inhabited by Hindus; no supplies; plentiful good water; country well wooded; road very fair. |
| WANKRINGI . . . | 10 | 203½ | | | A few huts under the pass; supplies scarce; water procurable; country mountainous; famous pasture land, but no cultivation; a steep pull to the top of the Marbal pass, 11,600 ft. elevation, with a similar descent on the other side. | |
| WANGAM . . . | 12 | 216½ | | | A village; supplies scarce; water plentiful; country tolerably level; road very fair; pass lower at 4, and Gohun at 7 m., then cross two streams. | |
| ISLAMABAD p.o. b. . . | 17 | 232½ | | | A good-sized town situated on the right bank of the Jhelum; the river here runs with a gentle current and is navigable to Baranulla, the N.W. end of the valley; supplies and water abundant; country level, open and well cultivated; road good; cross the first nullah at Biddra at 4, pass Sagam at 8, cross the second nullah at 7½, the third at Hokra at 10 and pass near Brighi at 12 m.; here the Shahabad road joins in; the Jhelum is crossed at Islamabad; some of the streams are difficult after heavy rain. | |
| AVANTIPUR . . . | 18 | 250½ | | | A village; supplies procurable; water plentiful; country as in last stage; road good, running down the right bank of the Jhelum, which is crossed at 1½, and again at Bij-Dehara at 6½, by bridges, pass Marhama at 8½ and cross two nullahs at 12 and 14 m. | |
| | | SRINAGAR p.o. l.s. . . | 17 | 267½ | See Route 8. Country as before, road good, following the course of the Jhelum; pass Pam-pur at 8½ m. Islamabad to Srinagar is generally done by water in 12 to 16 hrs. | |
| | | Total marches, 10 = | | | | |
| | | 267½ m. | | | | |

Route No. 204. FROM DHUBRI TO GOALPARA.

129

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|------------------------------------|--|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Goalpara, Dhubri. | GAURIPUR p-o. t-s. | 6 | 6 | A large village; supplies procurable; indifferent water from the Gadadhar R., near which is extensive site for C-G.; country low and inundated during the rainy season; road, an unmetalled bridle path, passable for all arms, except heavy artillery; pass Tiamari at 4 m. |
| | | BAGRIBARI 55,500 sq. yds. p-o. t-s. | 15 | 21 | A large village; supplies scanty; good water from Tipkai stream, on bank of which is site for C-G.; country and road as in last stage, latter much cut up by nullahs; cross the Gadadhar R. at 9 m. by a ferry carrying 20 men. |
| | | BILASIPARA 695,000 sq. yds. p-o. t-s. | 6 | 27 | A large village; supplies procurable; plentiful good water from a well in bazar; site for C-G. on right bank of the Brahmaputra; country and road as before; cross the Tipkai on starting and the Sankos at 2½ m. by ferry at each, carrying 20 men. |
| | | CHAPAR p-o. b. | 15½ | 42½ | A small village; supplies limited; good water from Champamoti R., near which is site of C-G.; but country open and partially cultivated; road as before; cross the Gaurang and Tarang rivers, both by ferry. |
| | | SALMARA-NORTH 830 x 85 yds. p-o. b. | 20 | 62½ | A village; supplies limited; good water from Kazia stream; C-G. ½ m. from village; country and road as above; cross the Champamoti R. at 4 m. by ferry. |
| | | GOATPARA p-o. b. | 16 | 78½ | See Route 165. |
| | | Total marches, 6 = 78½ m. | | | Country mostly jungle; route 11 m. by road and 5 m. by the river; road unmetalled, width 12 ft., crosses several rivers and nullahs, some of which are temporarily bridged; pass Kabotari at 4 and Chantaki at 10 m.; ferry-boats are always available on the Brahmaputra. |
| | | | | | |

Route No. 205. FROM DHUBRI TO SADIYA. via THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|------------------------------------|--|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Goalpara, Dhubri. | JAMADARHAT 45,000 sq. yds. p-o. b. | 9 | 9 | A village; supplies on notice; abundant good water from a well and jheel near b., close to which is site for C-G.; country open and cultivated; road 12 ft. wide, unmetalled, but bridged and suitable for all arms; cross the Brahmaputra on starting by a steam ferry carrying 800 men. |
| | | LAKHIPUR 300 x 200 yds. p-o. t-s. b. | 13 | 22 | A large village; supplies on notice; plentiful good water from the Jinjiram R. and from a well near b., E. of which is C-G.; country and road as in last stage; cross the Gora R. at 8 and the Panthai nullah (unbridged) in 10th m., latter by ford in dry season, by ferry, carrying 20 men, in the rains; from Lakhipur a road 10 ft. wide, unmetalled, not fit for wheeled traffic, goes to Goalpara, 25 m. |
| | | BAIDA b. | 9½ | 31½ | A few small villages; supplies scanty; limited quantity of water from a well and tank near b., sites for C-G. being close to latter; country jungly; road as in last stage. |
| | | AGIA 350 x 300 yds. p-o. b. | 10½ | 41½ | A small village; supplies on notice from Goalpara, 8½ m. distant; good water from two small wells and the Jinjiram stream; ground available for C-G. ¼ m. N. of b.; country and road as in last stage. |
| | | KRISHNAI 300 x 250 yds. p-o. b. | 8½ | 50 | A small village; supplies scarce; good water from the Krishnai, on left bank of which and opposite police thana is a site for C-G.; country, paddy-fields and forest land; road as before. |
| | | DARANGIRI 200 x 150 yds. p-o. b. | 13½ | 63½ | A small village; scanty supplies; good water from a well near b., in fields S. of which is C-G.; country and road as in last stage; cross the Krishnai R. on starting and the Dudoni R. in 9th m., latter unbridged, by ford in dry weather, by ferry, carrying 20 men, in the rains. |
| | | DHUPDHARA 200 x 100 yds. b. | 11½ | 75½ | A small village; supplies scarce; good water from a well near b., and also from a stream; C-G. E. of sarai; country and road as in last stage. |
| | | BOKO 800 x 180 yds. p-o. b. | 10 | 85½ | A village; supplies on notice; plentiful good water from the Boko R.; site for C-G. close to b.; country hilly and partially cultivated; road as before, the present bridges are temporary; cross the Singra R. in the 6th m. |
| | | CHAIGAON 500 x 60 yds. p-o. b. | 12 | 97½ | A village on the bank of the Kuli; supplies on notice; plentiful good water from the river, on bank of which is site for C-G.; country, road and bridges as in last stage; cross the Boko R. on starting. |
| | | PALASBARI 400 x 100 yds. p-o. t-s. b. | 12 | 109½ | A village on left bank of the Brahmaputra; supplies on notice; plentiful good water from the river, on bank of which is site for C-G.; country open and well cultivated; road 21 ft. wide, unmetalled, but bridged and practicable for all arms; cross the Kuli on starting, the Dhang-Kakamara in the 3rd and the Kakumara in 4th m., all by ford in dry season, by ferry in the rains. |
| | | GAUHATI 800 x 125 yds. p-o. t-s. r-s. b. | 14 | 123½ | A civil stn. and hd-qrs. of the Kamrup district; supplies on notice; abundant good water; site for C-G. near the Commissioner's office; country level and cultivated; road as in last stage, but bridged throughout, and metalled for the last 5 m. |
| | | CROSS ROADS | 10 | 133½ | A halting place; supplies on notice; good water from a stream; small site for C-G. E. of road; country as in last stage; road 20 ft. wide, unmetalled, but bridged and fit for all arms. |
| | | SONAPUR p-o. t-s. b. | 8 | 141½ | A small village on the bank of the Digru R.; supplies on notice; good water from the river; unlimited land which can be cleared on a few days' notice, available for C-G.; road as in last stage, winds through low hills covered with dense jungle; there is an old bridle road from Gauhati via Amchang to Sonapur. |
| | | | | | |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|---|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Nowgong, Nowgong. | NAKHOLA p-o. t-s. r-s. b. | 14½ | 165½ | A village; supplies procurable; limited supply of indifferent water from a well; C-G. as in last stage; country, road and bridges as before. The Jagi road from Nakhola to Nowgong makes the following stages:— BHAOGATGAON . 4½ 4½ A large village on the N. bank of the Kalang R., which is crossed by ferry. BASONGHAS . 7½ 18½ Plentiful water; supplies procurable. JHALGOUTI . 7½ 20 Supplies and water obtainable. p-o. BARPUJA . 4½ 24½ Water from a well in b. compound. b. NOWGONG . 12½ 37½ |
| | | ANLIGHAT . | 6½ | 162½ | A small village; supplies on notice; fair water from the Um Lam R.; C-G. as in last stage; country jungle and all forests; road as before; cross the Um Lam at 5½ m. by a ferry carrying 40 men. |
| | | DHARAMTUL p-o. t-s. r-s. b. | 8½ | 170½ | A village on the Kopili R.; supplies procurable; fair water from the river; C-G. as above; country, road and bridges as before; pass Nelli at about 3 m. and cross the Kopili by ferry at end of march. |
| | | ROHA p-o. t-s. b. | 12 | 182½ | A village on the Kalang R.; supplies obtainable; fair water from the river and a well; C-G. as before; country flat, swampy, and partly cultivated; road as above. Ohappermukh (r-s) is 2 m. due S. |
| | | NOWGONG 27,500 sq. yds. p-o. t-s. b. | 14 | 196½ | A small civil stn. on the Kalang R.; supplies obtainable; plentiful good water from the river and wells; C-G. S. of jail; country, road and bridges as before; cross the Kalang at Roha and again at Nowgong; by ford in dry season, by ferry at each crossing in rains. |
| | | BHULGURI | 11½ | 208½ | A village on the Kalang R.; supplies on notice; fair water from the river; unlimited space for C-G. can be cleared on a few days notice; country and road as above; pass Parangidam (p-o.), a large village, at 8 m. |
| | | DIJU RIVER | 8½ | 216½ | A small village; supplies on notice; fair water from the river; C-G., country, road and bridges as before. |
| | | JOKLABANDHA p-o. b. | 12 | 228½ | A village; supplies on notice; fair water from the Kalang R.; C-G., country, road and bridges as before; pass Messa (p-o. t-s.) at 2 m. |
| | | DEOPANI RIVER . | 14 | 242½ | A halting place; supplies on notice; fair water from the river; C-G. as before; country jungle; road and bridges as above; cross the Deopani at end of stage, by ferry; additional boats on notice; pass the Amguri and Fakhsi tea-gardens en route. |
| | | HATHIKHALI | 10 | 252½ | A tea-garden; supplies on notice; good water from the Diphla R.; C-G., country and road as before. |
| | Deputy Commissioner of Sibsagar, Sibsagar. | DIPHU RIVER | 15 | 267½ | A tea-garden; supplies on notice; good water from the river; C-G. as above; country, road and bridges as before; pass Kaziranga (p-o.) at 7 m. |
| | | NAMALIGARH . | 11 | 278½ | A tea-garden; supplies on notice; good water from the Dhanairi R.; C-G., country and road as before; cross the Diphla at starting and the Dhanairi at end of stage by ferry; pass Bokahat (p-o. t-s.) en route. |
| | | BADLI PAR p-o. t-s. b. | 10 | 288½ | A tea-garden; supplies on notice; good water from wells near garden; C-G. as before; country cultivated; road as above; pass Kumargoon at 8 m. where a road branches off to Golaghat, 17 m. distant. |
| | | DERGAON . | 7 | 295½ | A village; supplies on notice; plentiful good water from a tank; C-G., country and road as before; the road from Bhikarighat to Golaghat passes through Dergaon. |
| | | BORDHOLI RIVER | 8 | 303½ | A halting place; supplies on notice; good water from a well and indifferent water from the river; C-G., country and road as before; cross the Kakodanga stream and pass Kakodanga en route. |
| | | JORHAT 200 x 100 yds. p-o. t-s. r-s. b. | 8 | 311½ | A small civil stn.; supplies plentiful; excellent water from a large tank and wells; C-G. N. of tank; country and road as above. |
| | | KAKAJAN . | 10 | 321½ | A village and tea-garden; supplies on notice; abundant good water from streams and a well; ample space can be cleared on notice for C-G.; country and road as above. |
| | | JHANJI p-o. b. | 9 | 330½ | A small village; supplies on notice; good water from the Jhanji R.; C-G., country and road as above; cross the Jhanji at end of stage, by ford in the dry season, by ferry in rains. |
| | | GAURISAGAR p-o. b. | 8 | 338½ | A village; supplies on notice; good water from a tank near b.; C-G., country and road as before; nearest steamer stn. on the Jirahmupura is Dikhumbukh, 9 m. |
| | | SUSAGAR 250 x 100 yds. p-o. t-s. b. | 8 | 346½ | A small civil stn.; supplies plentiful; good water from a tank; C-G. W. of stn.; country and road as above; cross the Dikhu R. at 7 m., by ferry; extra boats on notice. |
| Deputy Commissioner of Imphimur, Birengath. | DIMU RIVER b. | 12 | 358½ | A halting place; supplies on notice; good water from the river; ample space can be cleared on notice for C-G.; country partly cultivated; road as before; pass Rajmai (p-o. t-s.) at 9 m. | |
| | DIHING RIVER b. | 9 | 367½ | A halting place; supplies on notice; fair water from the river; C-G. as in last stage; country, a forest; road as above; cross the river by a 1st class ferry. | |
| | SESSA GARUNIA b. | 9 | 376½ | A small village; supplies on notice; good water from the Sessa R.; C-G. as before; country partly cultivated, partly waste; road as above; cross the Sessa (bridged) in 6th m. | |
| | DIBRUGARH 800 x 300 yds. p-o. t-s. r-s. b. | 11 | 387½ | A small cantonment and civil stn.; supplies procurable; plentiful good water from wells; C-G. on parade ground; country and road as above. | |
| | CHABUA 800 x 300 yds. p-o. t-s. r-s. | 17½ | 405½ | A small village; supplies on notice; plentiful good water from wells near C-G.; country and road as before. | |
| | TINSUKIA 800 x 300 yds. p-o. t-s. r-s. b. | 13 | 417½ | A small village; supplies on notice; plentiful water from a tank, near which is site for C-G.; country and road as before. | |
| | DOOM-DOOMA 800 x 300 yds. p-o. t-s. r-s. b. | 16½ | 432½ | A small village; supplies on notice; good water from a well near block-house and from the river, close to which is site for C-G.; country and road as before. | |

| AUTHORITIES. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|-------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Jy. Commr. of Kalhmapur, Dibrugarh. | SAIKWA GHAT 800 x 300 yds. b. | 16½ | 440½ | A small village on the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G; country and road as before; pass Talap at 0 m. |
| | | SADIYA 800 x 500 yds. p-o. t-s. b. | 5 | 454½ | A military outpost of 60 rifles on the right bank of the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G; country and road as before; cross the Brahmaputra on starting by ferry; during the rains small steamers run to Dibrugarh and back, taking 16 hrs. up and 7 hrs. down. The road continues N. to Kempani, 11 m., and to Bomjur, 24 m. |
| | | Total marches, 42 = | | | |
| | | 454½ m. | | | |

Route No. 206.
FROM DHUBRI TO TEZPUR.

| AUTHORITIES. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Jy. Commr. of Goalpara, Dhubri. | GAURIPUR | 0 | 0 | See Route 201. |
| | | BAGRIABARI | 16 | 21 | |
| | | BILASIPARA | 6 | 27 | |
| | | CHAPAR | 16½ | 42½ | |
| | | SALHARA-NORTH | 20 | 62½ | |
| | | PAHA 25,000 sq. yds. p-o. t-s. b. | 17½ | 80 | |
| | Deputy Commissioners of Kamrup, Garhial. | BHAWANIPUR 300 x 300 yds. p-o. b. | 15 | 95 | A village; supplies scanty; good water from a stream, on bank of which is C-G, close to b.; country and road as in last stage; cross the Benki R. at 4, pass Hallapokri at 7, cross the Earn Monas at 11, by a ferry, and pass Kaljia at 12 m. |
| | | PATACHAREUCHI p-o. b. | 13 | 108 | A village; supplies procurable; good water from the Kaldia R.; small site for C-G. In b. compound; country flat and well cultivated; road as in last stage; cross the Dhamarkar R. at 1, by a ferry carrying 20 men, pass village of Pahamaraghat in 6 m. and cross a river of the same name by a ferry or by ford. |
| | | BAROMA p-o. b. | 6 | 116 | A village; supplies procurable; good water from the Pagladia R., near which and in b. compound is small site for C-G; country and road as above; cross the Kaldia on starting and the Tibu R. (fordable in cold season) at 2 m., by ferry carrying 20 men. |
| | | NALHARI p-o. b. | 8 | 124 | A village; supplies procurable; good water from the Nona Nadi, on bank of which, and 1 m. from b. is site for small C-G; country and road as above; cross the Pagladia on starting, by ford in dry season, by ferry in rains, and the old bed of the Nona Nadi at 7 m. |
| | | RANGIA 200 x 300 yds. p-o. b. | 12 | 136 | A village; supplies procurable; good water from the Borolia stream, near which, and close to b. is C-G; country and road as before; cross the Nona Nadi on starting, and the Nona at 8 m. by temporary bridges in dry season, and ferries carrying 20 men each in the rains. |
| | | DANNICHAURI b. | 15 | 151 | A village; supplies procurable; good water from the Bor Nadi, on right bank of which is small site for C-G; country and road as before; cross the Borolia R. on starting and the Pathimari at 5 m. the former by temporary bridge in the dry season and by ferry in the rains, the latter by ferry all the year round; pass Kamalpur (p-o.) in 9 m. where there is space to encamp, and good water from the Ritajan stream, which is crossed by an iron bridge; at 11½ m. a road branches off S. to Gauhati, distant 16 m. |
| | Deputy Commissioners of Darrang, Tezpur. | MANGALDAI p-o. t-s. b. | 16 | 167 | A small civil stn. and hd-qrs. of the Mangaldai sub-division; supplies abundant; good water from a tank in the bazar, close to which is small site for C-G; country and road as before, except that the latter is strongly bridged; cross the Bor Nadi in 1st m. by ferry carrying 30 men; pass Sipajhar at 7, cross the road from Kaligaon to Rangmati Ghat at 13, the Nona Nadi in 14, and the Mangaldai R. in 16 m. |
| | | DALGAON 400 x 400 yds. b. | 16 | 183 | A small village; supplies on notice; good water from a well near the b.; site for C-G, close to village; country and road as before; cross the Baga stream at 2½, the Dolpheng at 8, and the Mora Dhanisri at 11 m., by strong bridges. |
| | | OBANG 500 x 200 yds. p-o. b. | 14½ | 197½ | A small village; supplies on notice; good water from the Panchnoi stream, on bank of which is site for C-G; country grass jungle; road as above; cross the Jiya Dhanisri at 3, by ferry carrying 30 men, pass Kaulpiti tea-estate at 4, cross the Mora Ranta at 5, by ferry, or ford, the Panchnoi at 8 m. by ferry, and the Kukrakata at end of stage, also by ferry. |
| | | DHEKIAJOLI 260 x 200 yds. p-o. t-s. b. | 7 | 204½ | A tea-garden and a small larar; supplies on notice; good water from the Dhir stream; close to which is site for C-G; country and road as before; cross the Sirajuli stream at 4 m., fordable in dry season, ferry in the rains. A bridge path to the police outpost of Doimari runs N. at 2 m. |
| | | GABHORUGAON 150 x 100 yds. b. | 11 | 215½ | A small village; supplies scanty; good water from the Mora Galhoro stream, on right bank of which is site for C-G; country and road as before; cross the Belisiri R. at 4½ m., fordable in dry season, by ferry in rains. |
| | | TEZPUR 880 x 410 yds. p-o. t-s. t-s. b. | 13 | 228½ | A civil stn. and hd-qrs. of the Darrang District; police-post and steamer-ghat on the Brahmaputra; supplies procurable; good water from the Mora Bhuvori R., on bank of which, 2 m. E. of Tezpur, is site for C-G; country open and cultivated; road as before for first 10 m., thence metalled; cross the Gabheru stream on starting, by ford in dry season, by ferry in rains. |
| | | Total marches, 18 = | | | |
| | | 228½ m. | | | |

Route No. 207. FROM DIBRUGARH TO JEYPORE (ASSAM).

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Lakhimpur, Dibrugarh. | MADARKHAT b. | 10 | 10 | A village; supplies scanty; good water from the Sessa R. and a well close to C-G., small site for which is about $\frac{1}{2}$ m. N. of village; country flat and cultivated; road 15 ft. wide, unmetalled, but strongly bridged; pass Lakool r.s. at 6, and cross the Sessa R. at 7 m. |
| | | TENGAKHAT p-o. b. | 9 | 19 | A village; supplies procurable; good water from 2 wells close to small C-G., which is in b. compound; country and road as in last stage. |
| | | JAGUN 14,500 sq. yds. | 12 | 31 | A village; supplies scanty; good water from the Dibing R.; site for C-G. in fields W. of road; country and road as above; cross the Dibing R. at 10 m. by a ferry carrying 16 men. |
| | | JEYPORE p-o. b. | 5 $\frac{1}{2}$ | 36 $\frac{1}{2}$ | A town; supplies procurable; good water from 2 wells close to small C-G., latter being S-E. of town; country and road as above. |
| | | Total marches, 4 = 86 $\frac{1}{2}$ m. | | | |

Route No. 208. FROM DIBRUGARH TO KOHIMA. via SIBSAGAR, JORHAT, GOLAGHAT AND DIMAPUR.

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|------------------|-------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Shillong, Sibsagar. | SESSA GARUNIA b. | 11 | 11 | See Route 205. |
| | | DIBING RIVER | 9 | 20 | |
| | | DIMU RIVER | 9 | 29 | |
| | | SIBSAGAR | 12 | 41 | |
| | | GAURISAGAR | 8 | 49 | |
| | | JHANJI RIVER | 8 | 57 | |
| | | KARAJAN | 8 | 65 | A halting place; supplies on notice; good water from the river; site for C-G. near b. and in rice-fields; country mostly tea and rice cultivation; road, an unmetalled cart track, 12 ft. wide, practicable for all arms; streams strongly bridged. |
| | | JORHAT | 10 | 75 | |
| | | KARODANGA RIVER b. | 18 | 93 | |
| | | GOLAGHAT 80,000 sq. yds. p-o. t-s. b. | 11 $\frac{1}{2}$ | 104 $\frac{1}{2}$ | |
| | | NAMBOUR b. | 11 $\frac{1}{2}$ | 116 | |
| | | BARPATHAR p-o. t-s. b. | 7 $\frac{1}{2}$ | 123 $\frac{1}{2}$ | |
| | | NAO JAN b. | 18 $\frac{1}{2}$ | 142 | |
| | | BOKA JAN b. | 11 | 153 | |
| | | DIMAPUR p-o. t-s. b. | 13 | 166 | |
| | | NIOHUGUARD p-o. b. | 8 $\frac{1}{2}$ | 174 $\frac{1}{2}$ | |
| | | GHAUSPANI b. | 9 $\frac{1}{2}$ | 184 | A halting place; supplies on notice; good water from the Dhanisiri R., near which is an extensive site for C-G.; country flat and dense forest up to 6 m., then an open cultivated plain about 3 m. sq.; road as before. |
| | | PIPHIMA b. | 9 $\frac{1}{2}$ | 193 $\frac{1}{2}$ | |
| | | ZUBZA b. | 8 | 201 $\frac{1}{2}$ | |
| | | KOHIMA 400 x 200 yds. p-o. t-s. b. | 8 | 209 $\frac{1}{2}$ | |
| | | Total marches, 20 = 200 $\frac{1}{2}$ m. | | | |

Route No. 209.
FROM DIBRUGARH TO TEZPUR.
via LAKHIMPUR.

133

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|--|-----------------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Lakhimpur, Dibrugarh. | SISSI p-o. b. | 13 | 13 | A small village; supplies on notice; good water from the Sissi R., 2 m. from which is small site for C-G.; country, tree and grass jungle, with patches of cultivation; road unmetalled and practicable for infantry, much intersected by nullahs; cross the Dibrugarh, on starting, by a ferry carrying 20 men, other boats are also available, the Duri Suti at 0 m. and the Sissi at end of stage, both by ferry. |
| | | DHEMAJI b. | 8 | 20 | A small village; supplies on notice; good water, for a battn., from a tube well near b., E. or W. of which is space for C-G.; country as above, but level; road as before; cross the Kani Bili at 5, by temporary bridge, and pass Goalgaon at 7 m. |
| | | MASHHOWA b. | 13 | 33 | A small village; supplies on notice; good water from Harhi stream, close to which and N. of b. is site for C-G.; country and road as above; cross the Dhal R. on starting, by ferry. |
| | | DAKUAKHANA p-o. b. | 14 | 47 | A small village; supplies on notice; good water from the Chari Karia R., close to which and S. of b. is site for C-G.; country and road as above; cross the Harhi stream on starting by ferry. |
| | | BEREJIA b. | 10 | 57 | A village; supplies on notice; good water from Subansiri R., close to which and W. of b. is site for C-G.; country and road as above; pass Kolkata at 3, cross the Korah R. at 6 and the Sampara R. at 9 m., by ferries. |
| | | LAKHIMPUR-NORTH p-o. t-s. b. | 13 | 70 | A town; supplies procurable; good water, for a battn., from a well close to C-G., site for which is N.W. of the court-house; country and road as above; cross the Subansiri R. on starting, the Gunah Suti at 4, the Ghagor at 7, all by ferries, and pass Ghormaria at 11 m. |
| | | LALUKDALANI p-o. t-s. b. | 14 | 84 | A village; supplies on notice; good water, for a battn., from a well close to b., N. of which is small site for C-G.; country and road as before, but latter practicable for all arms; cross the Ranga Nadi in 4, by a ferry carrying 20 men, and pass Dulahat at 0 m. |
| | | DIKRANG b. | 12 | 96 | A small village; supplies on notice; good water from the Dikrang R.; extensive site for C-G. E. of b.; country and road as above; the Dikrang R. is crossed at end of stage by ferry, carrying 20 men. |
| | | HALANGI RIVER 300 x 250 yds. | 16 | 112 | A halting place; supplies on notice; good water, for a battn., from the river, on right bank of which is site for C-G.; country and road as before; pass Kolabari (b.) and cross the Almori at 11 m. |
| | | BAROE RIVER | 15½ | 127½ | A halting place; supplies on notice; good water from the river, on the right bank of which is extensive site for C-G.; country and road as before; pass Gohpur (p-o.) at 4 m., and cross the Baroe R. (fordable in cold season) at end of stage, by ferry, carrying 80 men. |
| | | BARGANG b. | 9½ | 137 | A halting place; supplies on notice; good water from the Bargang R., on right bank of which is extensive site for C-G.; country and road as before; cross the Bedetti Van (by ferry) at 3, the Behali (bridged) at 5 m. and the Bargang R. (fordable in cold season) at end of stage, by ferry. |
| | | G. O. C. Presidency District, Fort William. | Deputy Commissioner of Dinajpur, Dinajpur. | GILADHARI 150 x 100 yds. | 14 | 151 | A halting place; supplies on notice; good water from Giladhari stream, on left bank of which is site for C-G.; country and road as before; pass Baghmara at 7 and cross the Sadharu R. by an iron bridge in 12 m. |
| JIYA BHOROLI b. | 12 | | | 163 | A small village; supplies on notice; good water from the Jiya Bhoroli R., on left bank of which is extensive site for C-G.; country open and cultivated; road as before; cross the Giladhari stream (bridged) on starting and pass Satia Hat at 2 m. |
| TEZPUR | 7 | | | 170 | See Route 206. Country, grass jungle; road in last stage; cross the Jiya Bhoroli on starting and the Mom Bhoroli (fordable in dry season) at 7 m., by ferries carrying 80 men. |
| | | Total marches, 11 = 170 m. | | | |

Route No. 210.
FROM DINAJPUR TO CHURAMAN.
via KALIAGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dinajpur, Dinajpur. | ODGAON | 12 | 12 | A small village; supplies on notice; plentiful good water can be obtained by digging wells; extensive site for C-G. on high land S. of village near a tank; country level and cultivated; road unmetalled, suitable for all arms in dry weather; cross the Purnabhaba in 2, and the Tulia stream in 8 m., both by ford in dry weather, ferry in rains. |
| | | KALIAGANJ 200 x 150 yds. p-o. t-s. | 9 | 21 | A village; supplies on notice; plentiful good water can be obtained by digging wells; C-G. in the market place; country as in last stage; road unmetalled, unsuitable for artillery; cross the Taggan at 2, and the Chiramatti at 7 m. both by ford in dry weather, ferry in rains. |
| | | DURGAPUR 200 x 90 yds. b. | 14 | 35 | A village; supplies on notice; good, but limited, water from a well near b., E. of which is site for C-G.; country and road as in last stage; cross the Gamar stream (bridged) at 6 m. |
| | | CHURAMAN 150 x 100 yds. p-o. | 7 | 42 | A village; supplies on notice; good water from the Maha Nadi, on bank of which is site for C-G.; country as above, but inundated during the rains; road as before; cross the Nigur (unfordable) in 6 m. by ferry. |
| | | Total marches, 4 = 42 m. | | | |

Route No. 211. FROM DINAJPUR TO PURNEA. via RANIGANJ.

| AUTHORITIES. | | Name of stages and size of encompassing grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dinajpur, Dinajpur. | TULAI BRIDGE | 10 | 10 | A small village; supplies on notice; fair water from the Tulai Nadi, on bank of which is small C.G.; country level with rice cultivation; road good, unmetalled, practicable for all arms; cross the Purnabhaba on starting, by ford in dry season, by ferry in rains. |
| | | CHENDORIN 400 x 250 yds. | 9½ | 19½ | A small village; supplies on notice; good water can be obtained by digging wells, also from 2 large tanks, near which and close to village is site for C.G.; country and road as before; cross the Tangan at 6 m., by ford in dry season, by ferry in rains. |
| | | BINDOL 300 x 250 yds. b. | 11½ | 31 | A small village; supplies on notice; limited good water from a well in b. compound, N.E. of which is site for C.G.; country as before; road unmetalled, not suitable for artillery during the rains; cross the road from Pirganj to Hemtatab at Malan in 5, the Kaholoi at 6½ and Kulik at 10 m., both streams by ferries during the rains. |
| | Collector of Purnea, Purnea. | RANIGANJ p.o. | 12 | 43 | A village; supplies on notice; good water from the Sudhannu stream, on bank of which is small site for C.G.; country flat and subject to inundation; road unmetalled, unsuitable for artillery and impassable in the rains; pass Haripurat, cross the Nagar stream at 8 m. by ford in dry season, by ferry in rains, and the Pitann (unfordable) by ferry at end of stage. |
| | | DINGRA GHAT 430 x 100 yds. p.o. b. | 9 | 52 | A small village on right bank of the Maha Nadi; supplies on notice; good water from the nadi, on bank of which is C.G.; country and road as in last stage; pass Dalkola r.s. at 6½ m. and cross 2 branches of Maha Nadi, by ferry; the W. branch is fordable in the dry season. |
| | | LALBALU 350 x 250 yds. | 12 | 64 | A small village; supplies on notice; good water from the Panar stream, ¼ m. from which is C.G.; country as above; road metalled and strongly bridged. |
| | | PURNEA | 9 | 73 | See Route 118. Country and road as in last stage. |
| Total marches, 7 = 73 m. | | | | | |

Route No. 211(a). FROM DINAJPUR TO PURNEA. via NEKMARD AND KISHANGANJ.

| AUTHORITIES. | | Names of stages and size of encompassing grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dinajpur, Dinajpur. | SHIKARPUR 800 x 100 yds. | 12 | 12 | A small village; supplies on notice; fair water from the Toli stream, near which and E. of road is site for C-G.; country level and cultivated; road unmetalled but bridged, practicable for all arms; cross the Purnabhaba at 1½ m., by ford in dry season, by ferry in the rains. |
| | | PIRGANJ 500 x 500 yds. p-o. b. | 14 | 26 | A village; supplies on notice; abundant good water from a well and a tank; C-G. N. of b.; country and road as before; cross the Tangan stream in 11 m., by ford in dry season, by ferry in rains. |
| | | NEKKAJHARD 500 x 500 yds. b. | 11 | 37 | A village, where a large annual fair is held; supplies on notice; good but limited water from a well; site for C-G. N. and E. of b.; country as above, but swampy; road as before; cross the Kuli at 9 m., by ford in dry weather, ferry in the rains. |
| | Collector of Purnea, Purnea. | BIDASURI 600 x 300 yds. | 7 | 44 | A village; supplies on notice; good water from the Nagar stream, near which, in a mango grove, is site for C-G.; country and road as in last stage. |
| | | KISHANGANJ 550 x 220 yds. p-o. t-s. r-a. b. | 10 | 60 | A large village; supplies on notice; good water from the Ramjan stream and 2 wells; site for C-G. close to b.; country flat, open and cultivated; road unmetalled, and unsuitable for artillery; cross the Nagar on starting and the Surianu at 7 m., both fordable in dry weather, ferries in the rains. |
| | | ASURAGARH 12,320 sq. yds. | 10 | 70 | A small village; supplies on notice; good but limited water from a well; other wells can be dug on notice; C-G. in old fort on E. of road; country as in last stage; road metalled, with wooden bridges; artillery can cross bridges, 1 gun at a time. |
| | | DINGRA GHAT | 8 | 78 | Country and road as above. |
| | | LALBALU | 12 | 90 | See Route 211. |
| | | PURNEA | 9 | 99 | For other remarks, see Route 113. |
| | | Total marches, 9 = 99 m. | | | |

Route No. 212. FROM DINAJPUR TO RANGPUR.

| AUTHORITIES. | | Names of stages and size of encompassing grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dinajpur, Dinajpur. | MONGALBARI | 14 | 14 | A small village; supplies on notice; good water can only be obtained from wells, to be dug on notice; small site for C.G. on waste land close to village; country level and cultivated; road unmetalled, but bridged and practicable for all arms; cross the Gabura in 2, the Atrai in 7, and the Jabuna in 14 m., by fords in dry season, by ferries in rains. |
| | | KHELAHATI 200 x 80 yds. | 7½ | 21½ | A small village; supplies on notice; good water can be obtained from wells, to be dug on notice; the river water is not fit for drinking; site for C.G. in fields close to the village; country and road as in last stage. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | BADARGANJ 100,000 sq. yds. p-o. t-s. r-s. b. | 5½ | 20½ | A small village; supplies on notice; good water from the Jabumbar R., on bank of which and close to b. is C-G.; country and road as above; cross the old bed of the Karstin R. on starting, and pass Ramnathpur en route. |
| | | RANGPUR | 14½ | 41½ | See Route 128. |
| | | Total marches, 4 = 41½ m. | | | Country as before; road as in last stage, except the last mile which is metalled; cross the Jabumbar on starting, the Pat stream at 11 m., by fords in dry season, by ferries in rains, and pass Nibetganj at 11½ m. |

Route No. 218.
FROM DINAPORE TO ARRAH.
via KOILWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | From the Church to MANIR 230 x 200 yds. | 12 | 12 | A village on right bank of the Sonc; supplies procurable; plentiful good water from wells close to C-G., which is 1 m. E. of village; country cultivated; road metalled and bridged throughout, runs along the right bank of the Ganges most of the way; pass Sherpur (p-o.) at 5 m. |
| | | KOILWAR 47,040 sq. yds. p-o. r-s. | 9 | 21 | A large village on left bank of the Sonc; supplies procurable; good water from a well and the river, close to which is C-G.; country as above; road raised and bridged, passes along a causeway, but it is unmetalled, except the last 2 m.; pass Aminabad at 4 m., and cross the Sonc (ry. bridge for foot passengers and cattle traffic) at end of stage; a ferry for carts. |
| | | ARRAH 116,840 yds. p-o. t-s. r-s. | 8 | 29 | A small civil stn.; supplies on notice; abundant good water from 2 wells on, and also from 2 tanks near, C-G., which is close to the town; country level and well cultivated; road bridged, but unmetalled, except over causeways; pass Kaimnagar at 8½ and cross the Nagri stream (bridged) at 4 m.; a ferry is used in the rains. |
| | | Total marches, 8 = 29 m. | | | |

Route No. 214.
FROM DINAPORE TO BHAGALPUR.
via BARRH, SURAJGARH AND AFZULGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankipore. | BANKIPORE 200 x 160 yds. p-o. t-s. r-s. | 7 | 7 | The civil stn. of Patna; supplies abundant; plentiful good water from 2 wells on C-G. at Bankipore Gola; country low-lying and liable to inundation during the rains; road raised, metalled and bridged; cross the Patna canal at 3 m. |
| | | FATUA 180 x 100 yds. p-o. r-s. | 15 | 22 | A town on right bank of the Ganges, at the confluence of the Ganges and Panpun rivers; supplies on notice; good water from 3 wells near C-G., site for which is 1 m. E. of town; country level, open and cultivated; road as above; cross the Panpun at end of stage. |
| | | BAKHTIARPUR 230 x 110 yds. p-o. r-s. | 15 | 37 | A small village on the right bank of the Ganges; supplies on notice; good water from a well and the river, on bank of which, and 1 m. W. of village, is C-G.; country as above; road unmetalled, but raised and bridged; pass Bykatpur at 4 m. |
| | | BARRH 800 x 215 yds. p-o. t-s. r-s. | 12 | 49 | A large town on the right bank of the Ganges; supplies on notice; good water, for a battn., from a well close to C-G., which is 1½ m. N.E. of town; country low and subject to inundation; road as above; pass Rahmanpur at 7 m. |
| | | MOKAMEH 215 x 215 yds. p-o. r-s. | 13½ | 62½ | A village on right bank of the Ganges; supplies on notice; good water, for a battn., from a well close to C-G., which is near r-s.; country and road as above; pass Pandarak at 5 m. |
| | | BARRIYA 60,000 sq. yds. p-o. r-s. | 11 | 73½ | A large village; supplies on notice; plentiful good water from numerous wells; C-G. N. of village; country as above; road metalled in parts. |
| | | LAKHISARAI 90,000 sq. yds. p-o. t-s. r-s. | 9 | 82½ | A village; supplies on notice; plentiful good water from numerous wells and from the Kiyal R., on bank of which is C-G.; country as in last stage; road unmetalled, but bridged; cross the Harohal R. at 6 m., by ferry. |
| | | SURAJGARH 20,000 sq. yds. | 10 | 92½ | A small town on right bank of (the Ganges); supplies on notice; plentiful good water from wells and the river, on bank of which is C-G.; country as before; road unmetalled, but suitable for artillery, except in ruins; cross the Kiyal R., on starting, by ford. |
| | | BAHAWA 15,000 sq. yds. | 9 | 101½ | A few huts; no supplies; good water from the Ganges, on bank of which is C-G.; country as above; road unmetalled, fair in dry weather, but impassable in rains. |
| | | SAFIA SARAI 23,000 sq. yds. | 10 | 111½ | A small village about 2 m. S. of Monghyr; supplies on notice; plentiful good water from numerous wells near village, close to which is C-G.; country jungle in places, with low hills to S.; road as above. |
| | | MAHADEWA | 10 | 121½ | Country as above; road metalled and bridged. See Route 117. For other remarks, see Route 100. |
| | | AFZULGANJ | 12 | 133½ | |
| | | BHAGALPUR | 12 | 145½ | |
| | | Total marches, 18 = 145½ m. | | | |

Route No. 215.
FROM DINAPORE TO DEHRI.
 via UKHGAON AND NASRIGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankepoore Collector of Shahabad, Arrah. | MANIR . . . | 12 | 12 | See Route 213. |
| | | KOILWAR . . . | 9 | 21 | |
| | | UKHGAON . . . | 8 | 29 | Country fairly cultivated; road metalled for 4½ m., thence in unmetalled country road. See Route 53(c). |
| | | BAGA . . . | 10 | 39 | |
| | | SAHAR . . . | 10 | 49 | For other remarks, see Route 53(a). |
| | | BIHTA . . . | 12 | 61 | For other remarks, see Route 53(a). |
| | | NASRIGANJ . . . | 13 | 74 | See Route 53. |
| | | DEHRI . . . | 14½ | 88½ | For other remarks, see Route 266. |
| | | Total marches 8 = 88½ m. | | | |

Route No. 216.
FROM DINAPORE TO DARBHANGA.
 via HAJIPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankepoore Collector of East Tirhoot, Darbhanga Collector of West Tirhoot, Muzaffarpur. | HAJIPUR . . . 210 × 55 yds p-o t-o r-s b | 11½ | 11½ | A small town on left bank of the Gandak R.; supplies procurable; good water, for a bath, from a well near C-G., site for which is 1½ m. N. of r-s; road metalled and bridged; reach Digha Ghat at 3½ m. and cross the Ganges by steam ferry, land at Paleza Ghat and proceed by an unmetalled road, passing Sonpur at 7 m., cross the Gandak at 8 m. by ry. bridge or ferry; reach Hajipur at 10 m. and camp near Dighi, 1½ m. further on. |
| | | KAMOLI . . . 37 070 sq. yds | 11½ | 23 | A village, supplies on notice; plentiful water from a well and tank near C-G., which is close to village and W. of road; country level, open and well cultivated; road partially metalled but bridged throughout; pass Belkunda at 8½ m. |
| | | HARLOCHANPUR SUKHL . . . | 16 | 39 | A village; supplies on notice; plentiful good water from a well and a stream, on right bank of which is small site for C-G.; country and road as before; pass Mahua at 2½ m. and cross the Bija stream (bridged) immediately afterwards. |
| | | CHAK MEHSI . . . | 15 | 54 | A village; supplies on notice; good water, for a bath, from 2 wells on C-G., which is in a small mango grove close to village; country and road as above, latter unmetalled, pass Pusa Sud at 6 m. and cross the Bur Gandak immediately afterwards by a ferry carrying 60 men. |
| | | DARBHANGA . . . 200 × 200 yds p-o t-o r-s | 14 | 68 | A civil stn. and town on left bank of the Chota Bagmati; supplies abundant; good water, for a bath, from 2 wells, and (for animals) from a tank near C-G., which is in a grove ½ m. N-W of town, country and road as above; cross the Bagmati at 2, and the Chota Bagmati at 11½ m., both by ferry carrying 60 men. |
| | | Total marches, 5 = 68 m. | | | |

Route No. 217.
FROM DINAPORE TO GAYA.
 via FATUA AND ISLAMPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|-------|---|
| Military | Civil | | Miles. | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankepoore Collector of Gaya, Gaya | BANKIPORE . . . | 7 | 7 | See Route 214. |
| | | FATUA . . . | 16 | 23 | |
| | | HILSAHA . . . 135 × 125 yds p-o. | 13 | 36 | A large village; supplies on notice; good water from a well on, and other wells in vicinity of C-G., site for which is 150 yds. N. of village; country open and cultivated; road metalled and bridged; cross the Darna stream at 1½, the Nauthan at 1, and the Kutbar at 14 m. |
| | | ISLAMPUR . . . 600 × 300 yds | 11 | 47 | A small village; supplies on notice; good water, for a bath, from a well on C-G., latter in a mango grove ½ m. S-W. of village; country as in last stage; road unmetalled; pass Kasliwan at 5, and cross the Jamma stream (always fordable) at 12½ m. |
| | | KHIDARSARAI . . . 258 × 90 yds. | 16½ | 63½ | A village; supplies on notice; good water from a well 100 yds. N. of, and (for animals) from the Phulgu stream 1 m. W. of C-G., site for which is close to Bana village; country as before; road raised but unmetalled; cross the Jalwar stream (fordable) at 9½ and pass Fatehpur Surta at 16 m. |
| | | GAYA . . . | 19 | 78½ | See Route 51. |
| | | Total marches, 6 = 78½ m. | | | Country low and cultivated; road up to 9 m. as in last stage, thence metalled and bridged; pass Sindipur at 8, and cross the Phulgu stream at 11½ m. |

Route No. 217(a).
FROM DINAPORE TO GAYA.
 via BAKHTIARPUR, BIHAR AND NAWADAH.

137

| Activities. | | Names of stages and also of exempting grounds. | Distances. | | Remarks. |
|---|--------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankipore. | BANKIPORE | 7 | 7 | See Route 214. |
| | | FATUA | 15 | 22 | |
| | | BAKHTIARPUR | 16 | 37 | |
| | | BARUSPUR b. | 7 | 41 | A village; supplies on notice; good water, for a battn., from 2 wells close to C-G., site for which is in a small mango grove near b.; country level and cultivated; road raised, metalled and bridged; pass Mirat at 4½ m. |
| | | BIHAR p.e. t.e. b. | 12 | 56 | A village; supplies procurable; good water, for a battn., from 2 wells on small C-G., which is close to b.; country and road as above; pass Sohail at 10 m. |
| | Collector of Gaya, Gaya. | GINIK b. | 11 | 67 | A village; supplies on notice; good water, for a battn., from 2 wells near C-G., small site for which is 160 yds. W. of village; country as above; road metalled but unbridged; the nullahs crossed en route are generally fordable; pass Hurapur at 3 m. |
| | | NAWADAH | 12 | 79 | Country and road as above; pass Dadokhera at 7 m. |
| | | HASWA | 9 | 88 | |
| | | WAZIRGANJ | 12 | 100 | See Route 113. |
| | | BODHGERA | 11 | 111 | |
| | | GAYA | 7 | 118 | For other marches, see Route 11 |
| | | Total marches, 11 = 118 m. | | | |

Route No. 218.
FROM DINAPORE TO MONGHYR.
 via BARR AND SURAJGARH.

| Activities. | | Names of stages and size of exempting grounds. | Distances. | | Remarks. |
|---|--------------------------------|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankipore. | BANKIPORE | 7 | 7 | See Route 214. |
| | | FATUA | 15 | 22 | |
| | | BAKHTIARPUR | 15 | 37 | |
| | | BARR | 12 | 49 | |
| | | MOKAMEH | 13 | 62 | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | BATHIYA | 11 | 73 | See Route 117. |
| | | LAKHISARAI | 9 | 82 | |
| | | SURAJGARH | 10 | 92 | |
| | | BAHAWA | 9 | 101 | |
| | | MONGHYR | 11 | 112 | |
| | | Total marches, 10 = 112½ m. | | | Country undulating and jungly; road, unmetalled, except the last 2½ m., bridged and suitable for all arms. |

Route No. 219.
FROM DINAPORE TO MUZAFFARPUR.
 via HAJIPUR.

| ACTING OFFICER. | | Names of stages and also of exempting grounds. | DISTANCES. | | REMARKS. |
|---|---|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Celle. of Patna, Bankipur. Celle. of West Tirhoot, Munger. | HAJIPUR | 11½ | 11½ | See Route 216. |
| | | SARAI 174 × 18½ yds. p-o. r-o. | 6 | 17½ | A village; supplies on notice; plentiful good water from a well on, and (for animals) from a tank ½ m. W. of C-G., which is 200 yds. N.-E. of village; country level, open and well cultivated; road partially metalled, and bridged throughout; the road to Darbhanga branches off at 1½ m. |
| | | BIHATWALLA (GARAUL) 21,505 sq. yds. p-o. r-o. | 11 | 28½ | A small town; supplies on notice; plentiful good water from 2 wells, and (for animals) from a tank close to C-G., which is ½ m. N.-E. of village; country as before; road unmetalled but bridged; pass Bhagwanpur at 6 and cross the Biya R., a swampy stream with difficult banks, at 8 m. |
| | | MUZAFFARPUR | 14½ | 43 | See Route 167. Country and road as above. |
| | | Total marches, 4 = 43 m. | | | |

Route No. 220.
FROM DINAPORE TO SEGOWLIE.
via KALIANPUR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Patna, Bankipore. | HAJIPUR . . | 11½ | 11½ | See Route 216. |
| | | LALGANJ . . p-o. t-s. | 14 | 25½ | A moderate-sized village; supplies on notice; abundant good water from wells on, and (for animals) from a tank 200 yds. N-E. of C-G., small site for which is at Bedaoli, 2 m. N-E. of village; country well cultivated; road raised, bridged, and partly metalled. |
| | | BASANTPUR . . | 13 | 38½ | A village; supplies on notice; good water, for a battn. from a well, and (for animals) from a tank close to C-G., small site for which is close to Kewalpara indigo factory, 1 m. N. of village; country as before; road raised, bridged, but unmetalled. |
| | Collector of West Tirhoot, Munseepur. | DEORIA . . p-o. | 11 | 49½ | A village; supplies on notice; plentiful good water from the Biya stream, on bank of which and 1 m. W. of Deoria bazar is C-G.; country and road as before; pass Paro at 4 m. and cross the Biya at end of stage. |
| | | SAHIBGANJ . . 580 × 80 yds. p-o. | 11 | 60½ | A small town; supplies on notice; good water, for a battn. from a well near C-G., which is ½ m. N-W. of bazar; country as before; road good, raised, bridged and partly metalled. |
| | | KALIANPUR . . 615 × 110 yds. | 11 | 71½ | A village; supplies plentiful; good water, for a battn. from 2 wells near C-G., which is 200 yds. N. of village; country as before; road raised, metalled and bridged; pass Rajpur at 7½ m. |
| | Collector of Champaran, Motihari. | PIPRA . . 430 × 180 yds. r-s. | 10 | 81½ | A village; supplies procurable; indifferent water, for a battn. from 2 wells close to C-G., which is N-W. of, and near village; country and road as above; pass Tondua at 4 m. |
| | | MOTIHARI . . 516 × 432 yds. p-o. t-s. r-s. | 8 | 89½ | A town; supplies procurable; good water, for a battn. from a well near C-G., site for which is 2 m. N-E. of town; country and road as above. |
| | | SEGOWLIE . . 1,445 × 640 yds. p-o. t-s. r-s. | 14 | 103½ | A civil stn.; supplies plentiful; good water from the Sikriana stream and from a well close to C-G., which is between the cantonments and the stream; country and road as above; pass Pachraki (p-o.) at 4½ and Chapra Bahas at 0 m. |
| | | Total marches, 9 = 108½ m. | | | |

Route No. 221.
FROM DINAPORE TO UMGHAON, on the Nepal Frontier.
via CHAK MEHSI AND KANTAUL.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Patna, Bankipore. | HAJIPUR . . | 11½ | 11½ | See Route 216. |
| | | KAMOULI . . | 11½ | 23 | |
| | | HARLOCHANPUR SUKHI . . | 16 | 39 | |
| | Collector of East Tirhoot, Darbhanga. | CHAK MEHSI . . | 15 | 54 | A village; supplies on notice; plentiful good water from a well and tank within 200 yds. of C-G., site for which is close to road and village; country flat and cultivated; road unmetalled and unbridged; cross the Bagmati R. (bridged) at 3 m. |
| | | SIMRI . . 180 × 180 yds. p-o. | 12 | 66 | |
| | | KANTAUL . . p-o. t-s. r-s. | 13 | 79 | |
| | | BENIPATI . . p-o. | 14 | 93 | |
| | Collector of East Tirhoot, Darbhanga. | UMGAON . . | 11½ | 104½ | A village; supplies on notice; good water, for a battn. from 2 wells and a tank close to C-G., site for which is W. of and near village; country and road as before; cross the Chota Bagmati R. on starting by ferry carrying 25 men. |
| | | Total marches, 8 = 104½ m. | | | A village; supplies on notice; good water, for a battn. from 2 wells and a tank close to C-G., site for which is W. of and near village; country and road as above. |

Route No. 222.
FROM DORANDA TO CHAIBASSA.
via BANDGAON AND CHAKRADHARPUR.

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| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commr. of Lohardaga, Ranchi. | PHUDI 20,000 sq. yds. | 12 | 12 | <p>NOTE.—In this route all difficult ghats are avoided.</p> <p>A village on right bank of the Kanchi R.; supplies on notice; plentiful good water from springs, and from the river, close to which is site for C-G., on high land near village; country for the most part rocky and jungly; road metalled, 20 ft. wide, partially bridged and suitable for artillery; cross the Sabaurika at 8 and the Kanchi at 11 m., both fordable in dry weather, but latter has dangerous shifting sands; ferry in rains.</p> <p>A village; supplies on notice; good water, for a battn., from springs close by C-G., site for which is near village; country and road as in last stage; cross the Thjua R. at 4 m., by ford in dry season and ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as above.</p> <p>A large village; supplies on notice; plentiful good water from a stream near village, close to which is extensive site for C-G.; country undulating and jungly; road as above; cross the Koro stream at 7 m.</p> <p>A village; supplies on notice; plentiful good water from a stream and wells close by C-G., extensive site for which is near village; country as above; road unmetalled but very fair and practicable for artillery.</p> <p>A small village; supplies scarce; plentiful good water from a stream close by C-G., extensive site for which is near village; country hilly and jungly; road unmetalled, steep in parts, gradients over 1 in 10, unsuitable for artillery; road now abandoned.</p> <p>Country as above; road unmetalled, fit for artillery in fair weather.</p> <p>See Route 155.</p> <p>A small civil stn.; supplies plentiful; good water from streams, wells and tanks in vicinity of C-G., which is just outside the town, and close to police stn.</p> |
| | | KHUNTI 20,000 sq. yds. p-o. | 8 | 20 | |
| | | MURHU | 9 | 29 | |
| | | BANDGAON | 10 | 39 | |
| | Deputy Commr. of Singhbhum, Chaibassa. | KOCHANG | 9 | 48 | |
| | | MAILPI | 8 | 56 | |
| | | CHAKRADHARPUR | 9 | 65 | |
| | | KHUNTPHANI | 8 | 73 | |
| | | CHAIBASSA 300 x 250 yds. p-o. t-s. b. | 8 | 81 | |
| | | Total marches, 9 = 81 m. | | | |

Route No. 222(a).
FROM DORANDA TO CHAIBASSA.
via KHARSAWAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Lohardaga, Ranchi. | RAMPUR | 8 | 8 | <p>A small village; supplies on notice; good water, for a battn., from springs and streams close by C-G., extensive site for which is near village; country undulating and jungly; road 20 ft. wide, unmetalled, rocky in parts, unbridged, much intersected by nullahs and unsuitable for artillery; cross the Sabaurika in 3 and the Sapai in 5 m., both by ford in dry season, by ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as above; cross the Baisa R. (bridged) at 5 m.</p> <p>A moderate-sized village; supplies on notice; good water, for a battn., from tanks and wells close by C-G., extensive site for which is near village; country hilly and jungly; road as above, except for first 8 m., which has a gradient of 1 in 10; from Bundu a road leads to Tamar (p-o.), 10 m. distant.</p> <p>A large village; supplies on notice; plentiful good water from tanks and wells close by C-G., extensive site for which is near village; country undulating, jungly and partly cultivated; road, a mere track unfit for wheeled carriage in rainy weather; cross the Kanchi R. at 4 and the Karkari at 9 m. both by ford, except in rains; no ferries.</p> <p>A large village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as in last stage; cross the Karkari R. at 4 m., by ford in dry season, by ferry in the rains.</p> <p>A few huts; supplies scarce; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as in last stage, except that the latter becomes very steep towards end of march.</p> <p>A large village; supplies on notice; plentiful good water from a stream close by C-G., site for which is S. of village; country and road as above; cross a stream at 3½ m. and the Sona R. at end of stage, both by ford except when in flood; no ferries.</p> <p>A small village; supplies scanty; plentiful good water from the Sanjai, on right bank of which is site for C-G. near village; country well cultivated and undulating; road unmetalled, 16 ft. wide, fairly level, but unsuitable for artillery; cross the Sonkus at 4 m. and the Sanjai at end of stage, both by ford, except after heavy rain; no ferries.</p> <p>See Route 222.</p> <p>Country and road as in last stage; cross the Koro (bridged) at 10 m.</p> |
| | | TAIMARA | 8 | 16 | |
| | | BUNDU p-o. | 8 | 24 | |
| | | SARJAMDI | 10 | 34 | |
| | Deputy Commr. of Singhbhum, Chaibassa. | TARAI | 9 | 43 | |
| | | CHAITANPUR | 8½ | 51½ | |
| | | KHARSAWAN | 6½ | 58 | |
| | | BINJ | 7 | 65 | |
| | | CHAIBASSA | 11 | 76 | |
| | | Total marches, 9 = 76 m. | | | |

Route No. 223.
FROM DORANDA TO DALTONGANJ (BIJRA).
old SATBARWA

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--|---|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William | Deputy Commissioner of Lohardaga, Ranchi Deputy Commissioner of Palamu, Daltonganj | MURMA . . . | 15 | 16 | A village; supplies on notice; good water from wells close by site for C-G, which is near village, country open and cultivated, but boggy and heavy in parts; road, a fair weather one, unbridged; cross the Pandra stream en route by ford, except after heavy rain. |
| | | HOPA . . . | 13 | 27 | A village, supplies on notice; good water from wells close by site for C-G, which is near village; country and road as in last stage. |
| | | KUNDO . . . | 10 | 37 | A village; supplies on notice; good water from wells close by site for C-G, which is near village; country and road as above. From here a road branches off to Lohardaga, distant 12 m. |
| | | CHANDWA . 176 x 100 yds p-o b. | 10 | 47 | A village; supplies on notice; plentiful good water from wells close by site for C-G, which is in a mango grove in front of b.; country hilly and broken; road, a fair one, difficult for wheeled traffic; cross the Mahla R. by ford, except after heavy rain. From Chandwa a road branches off N. to Chatra in the Harnabagh district. |
| | | ANKITA . . . | 8 | 55 | A small village, supplies on notice; good, but limited, water from wells close by C-G, site for which is near village, country and road as in last stage; cross the Chittu stream (twice) by ford, except after heavy rain. |
| | | LATEHAR . . . p-o | 10 | 65 | A village, supplies on notice; good, but limited, water from wells close by C-G, site for which is near village, country and road as above; cross the Urauga R. in 7 and 8 m, by ford, except after heavy rain; pass Tuppli at 9 m. |
| | | MUNKA . . . | 15 | 80 | A few huts; supplies on notice; good, but limited, water from wells close by C-G, site for which is near village; country and road as above; pass Patki at 6 m. |
| | | SATBARWA . . . p-o | 8 | 88 | A small town, supplies on notice; good, but limited, water from wells close by C-G, site for which is near town; country and road as above, at 7 m. a track branches off S. to the Sima Forests. Palamu, formerly a place of some note, but now a ruin, is on the bank of the Urauga, 3 m. S-W. of Satbarwa. |
| | | POKRAHA . . . | 9 | 97 | A very small village; supplies on notice; good, but limited, water from wells close by C-G, site for which is near village, country and road as above; cross the Mlyla stream, by ford, except after heavy rain, in 2 and 8, and pass Bari at 5 m. |
| | | DALTONGANJ (BIJRA) 800 x 200 yds. p-o t-a b. | 0 | 108 | A small civil sta near right bank of the Koil R.; supplies on notice; good water from wells and the river, on bank of which is C-G; country and road as before, at 1 m. a road branches off S. to Barand Forest, distant 87 m.; cross the Jugindi stream at 5 m, by ford, except after rains |
| | | Total marches, 10 = | | | |
| | | 108 m. | | | |

Route No. 224.
FROM DORANDA TO GOBINDPUR, on the Grand Trunk Road.
old GOLA AND MARAFARI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Dr. Commr., Lohardigh, Ranchi. Deputy Commissioner of Hazaribagh, Hazaribagh. Sub-divisional Collector of Alibhuma, Ranchi. Golbindpur. | CHARLA . . . 20,000 sq. yds. | 12½ | 12½ | A small village, supplies scarce; good water, for a battn., from wells near C-G, site for which is on high land near village; country undulating and cultivated; road 20 ft. wide, raised, metalled, bridged and suitable for all arms; pass Buti at 6 m. and cross the Jumar stream immediately afterwards. |
| | | GOLA . . . p-o. b. | 17½ | 30 | A village, supplies on notice, plentiful good water from wells, tanks and the Gamti stream, on bank of which, and in a mango grove close to and N-E. of village is C-G; country open and well cultivated; road unmetalled, 20 ft. wide, fit for all arms; pass Gurupacha at 4 and Baristha at 14 m. |
| | | PETANBAR . p-o. b. | 11½ | 41½ | A large village; supplies on notice; plentiful good water from 3 wells, and from tanks near small C-G, which is in b. compound; country jungly; road as above; cross the Jamni R. en route, fordable, except during flood; no ferry. |
| | | MANJHIDIH . b. | 11 | 52½ | A large jungle village; supplies on notice; good water, for a battn., from 2 wells and a tank close to small C-G, which is in b. compound, country and road as in last stage; cross a branch of the Damoda R. at 6 m. |
| | | MARAFARI . b. | 0 | 59½ | A large village; supplies on notice; good water, for a battn., from a tank on small C-G, which is ½ m. W. of village; country and road as above. |
| | | TELMACHI . | 8 | 66½ | A village; supplies on notice; plentiful good water from tanks in vicinity of C-G, small site for which is ½ m. N-W. of village, country undulating and jungly for 3 m, thence open and cultivated; road unmetalled, has been abandoned for years and is unsuitable for wheel traffic, except in dry weather; pass Malhar at 2, and cross the Damoda at 7 m. by ferry. |
| | | SIALGUDRI . | 13 | 79½ | A village; supplies on notice; abundant good water from tanks in vicinity of C-G, extensive site for which is N-E. of and close to village; country as in latter part of last stage; road as above; cross two branches of the Damoda R. (generally fordable) at 5 and 7 m. |
| | | GOBINDPUR . | 12 | 91½ | See Route 200. Country and road as above; pass Harpur at 4 m. |
| | | Total marches, 8 = | | | |
| | | 91½ m. | | | |

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Route No. 225.
FROM DORANDA TO NAGPUR *as far as DARGAON (for remainder, see Bombay Route Book No. 233).*
via SISAI AND BISRAMPUR.

| ATTENDANCE. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|---|--|--|--|--|--|
| Military. | Civil. | | Miles. | Total. | | |
| O. O. C. Presidency District, Fort William. | Deputy Commissioner of Loharbagh, Ranchi. | NAGRI . . . | 8 | 8 | A village; supplies on notice; plentiful good water from wells, springs and tanks in vicinity of village, in fields near which is site for C-G.; country undulating; road 20 ft. wide, unmetalled and partially bridged with temporary bridges unsuitable for artillery; nullahs generally fordable. | |
| | | BERO . . . | 12 | 20 | A small village; no supplies; good water, for a battn., from wells and springs in vicinity of village, in fields near which is site for C-G.; country, road and nullahs as above. | |
| | | BHANNO . . . | 11 | 31 | A village; no supplies; good water, for a battn., from wells and a stream, near which is site for C-G.; country and road as above; cross the Parna stream (fordable, except when in flood) at 8½ m. | |
| | | SISAI p.o. | 11 | 42 | A village and police post; supplies on notice; good water from springs, a tank and a well in police post compound, in fields near which is site for C-G.; country open and cultivated; road as above. | |
| | | TOTO . . . | 16 | 57 | A village; supplies on notice; plentiful good water from springs, wells and tanks in vicinity of village, in fields near which is site for C-G.; country and road as above; cross the Parna at 4 and the Koel at 7½ m., both fordable, except during floods. | |
| | | KOTAM . . . | 7 | 64 | A village; supplies on notice; fair, but limited, water from wells in vicinity of village, in fields near which is site for C-G.; country and nullahs as above; road a mere track; cross the Andia stream (fordable, except when in flood) about half-way. | |
| | | DARHINA . . . | 10 | 74 | A small village; supplies must be collected; good water from wells and springs in vicinity of village, in fields near which is site for C-G.; country hilly and covered with jungle; road and nullahs as above. | |
| | | DARGAON . . . | 9 | 83 | A small village; supplies must be collected; good, but limited, water from a stream close to village, in fields near which is site for C-G.; country undulating; road and nullahs as before. | |
| | | KORANDA . . . | 12 | 95 | A village; supplies on notice; plentiful good water from a nullah near C-G., site for which is in a mango grove N. of road and close to village; country hilly and jungly; road, a good, unmetalled track, for the first 7 m., thence steep and unsuitable for wheeled traffic; cross the Sank (fordable, except after heavy rain) at 2 m. | |
| | | KUSMI . . . | 10 | 105 | A village and police stn.; supplies on notice; plentiful water from a well S. of police stn., and others in village, about 200 yds W. of which, and on both sides of the road, is site for C-G.; country jungly; road difficult, impassable for wheeled traffic; streams and nullahs fordable, except after heavy rain. | |
| | UMKO . . . | 10 | 116 | A village; supplies on notice; plentiful good water from wells in village, near which is site for C-G.; country hilly and wooded; road, a mere track and very bad; streams and nullahs as above. | | |
| | Simplicia Tributary State. | Commissioners of Chota Nagpur, Ranchi. | SARNADIH 400 x 250 yds. | 10 | 125 | A village; supplies on notice; plentiful good water from a nullah, in a garden N. of which is site for C-G.; country and road as above; cross the Galphula stream at 2 and the Kuntal at 8½ m., both fordable, except after heavy rain. |
| | | | LERUA 300 x 300 yds. | 14 | 139 | A large village; supplies on notice; good water, but very limited in hot weather, from wells in village, W. of and close to which, under mango trees, is site for C-G.; country, jungle and forest; road, streams and nullahs as above. |
| | | | BISRANPUR 400 x 150 yds. p.o. | 24 | 163 | A large village; supplies on notice; plentiful good water from tanks on, and a well E. of C-G., site for which is in a garden N. of village; country, road, streams and nullahs as before. |
| | | | LAKHANPUR . . . | 16 | 179 | A village; supplies on notice; plentiful good water from tanks and the Ohulhot stream W. of village, N.E. of, and close to, latter is site for C-G.; country undulating with much paddy cultivation; for the most part of the way there is no road and people make their way across fields; cross the Goinghata Nadi (fordable, except after heavy rain) about half-way. |
| KHADRI . . . | | | 9 | 187 | A village; supplies on notice; good water from a spring N. of village, in fields E. of, and close to, which is site for C-G.; country as above; road a mere track; cross the Ber or Arund R. (fordable, except when in flood) towards end of stage. | |
| DARGAON . . . | 8 | 195 | A large village; supplies on notice; good water from wells in village, S. of which is site for C-G.; country, jungle and forest with scant cultivation; road and nullahs as above. | | | |
| | | Total marches, 17 = 165 m. | | | | |

Route No. 226.
FROM DORANDA TO PURULIA.
via SILI AND JAYPUR.

| ATTENDANCE. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| O. O. C. Presidency District, Fort William. | Deputy Comptroller of Loharbagh, Ranchi. | ANGARA 20,000 sq. yds. | 14 | 14 | A small village; no supplies; plentiful good water from a well, tank and spring close to C-G., site for which is on high land E. and S. of village; country very jungly, except for cultivation here and there; road metalled and bridged, suitable for all arms; cross the Sukharika R. at 4 m. |
| | | BARWADAG 20,000 sq. yds. | 12 | 26 | A small village; no supplies; fair water, for a battn., from a well and stream in vicinity of C-G., site for which is on high ground 200 yds. W. of village; country hilly and jungly; road as above; pass Johna (p.o.) at 8 m. |
| | | SILI 20,000 sq. yds. p.o. | 12 | 38 | A large village with police stn.; supplies scarce; abundant but indifferent water from tanks about 100 yds. W. of C-G., site for which is on E. side of village; country as above; road, an unmetalled track, unsuitable for artillery; cross three streams, by strong stone causeways, and the Urm by ford, except after heavy rain. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Minibhum, Purulia. | JHALDA p.o. | 9 | 47 | A large village; supplies on notice; plentiful good water, during the rains, from three wells in village, and from a stream and tank in vicinity of C-G., extensive site for which is in fields close to and W. of village; in dry season water can always be obtained by digging in bed of stream; country undulating and well cultivated; road metalled, and suitable for all arms; cross the Subanrika (strongly bridged) at 8, and pass Train at 4 m. |
| | | JAYPUR p.o. | 12 | 59 | A large village; supplies on notice; unlimited good water from village tanks; site for small C-G., 1 m. S-W. of village, close to road; country and road as above; cross the Kossal R. (strongly bridged) at 6 m. |
| | | PURULIA | 16 | 75 | See Route 88. Country and road as above; nullahs strongly bridged; pass Narainpur at 4 m. |
| | | Total marches, 6 = | | | |
| | | 75 m. | | | |

Route No. 227.

FROM DORANDA TO SAMBALPUR as far as JHALBERA (for remainder, see
Bombay Route Book No. 262).
via JARIA, BASIA AND JHALBERA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Lohardaga, Ranchi. | LODHMA 20,000 sq. yds. | 10 | 10 | A village; limited supplies on notice; abundant good water from tanks, wells and a stream in vicinity of C-G., site for which is in fields near village; country open; road 20 ft. wide, unmetalled but gravelled, good in dry weather, and passable for all arms, bridged throughout with temporary wooden structures; artillery would have to cross streams by fords; cross the Subanrika, Kanchi and Tajna streams <i>en route</i> , all fordable, except when in flood. |
| | | KARRA 20,000 sq. yds. p.o. | 11 | 21 | A small village; supplies on notice; good water, for a battn., from a well 400 yds. E. of C-G., site for latter being available on high land 800 yds. W. of village; country, road and bridges as in last stage; the Dornulhel, Patratoli, Malgo and Chinta streams are crossed <i>en route</i> , all fordable, except when in flood. |
| | | JARIA 20,000 sq. yds. | 10 | 31 | A village; supplies on notice; abundant good water from a tank and a stream in vicinity of C-G., latter on high ground 800 yds. E. of village; country, road and bridges as before; cross the Talini, Baranadag and Jarna streams <i>en route</i> , all fordable, except when in flood. |
| | | ARAIHARA 20,000 sq. yds. | 10 | 41 | A small village; supplies must be collected; plentiful good water from the Karo R., 300 yds. N. of C-G., site for latter being available on high land 800 yds. W. of village; country, road and bridges as above; cross the Karo R. <i>en route</i> , fordable, except during the rains, when a ferry carrying from 10 to 16 men, plies. |
| | | BASIA 20,000 sq. yds. p.o. | 11 | 52 | A village; supplies on notice; good water from the Koel R., about 1 m. S. of C-G., latter on high ground 200 yds. S. of village; country, road and bridges as before; four unbridged but fordable nullahs are crossed. |
| | | UGHURMA 20,000 sq. yds. | 8 | 60 | A small village; supplies on notice; abundant good water from a stream and a well 800 yds. S. of C-G., latter being on high ground 300 yds. E. of village; country cultivated; road, an unmetalled track, 20 ft. wide, crossed by numerous small, unbridged nullahs, the Koel R. is crossed on starting, fordable, but dangerous in rains when a ferry plies. |
| | | KOLABIRA 20,000 sq. yds. p.o. | 8 | 68 | A small village; no supplies; fair water from a tank and spring 200 yds. N. of C-G., site for latter available on high land, 200 yds. S. of village; country hilly; road and nullahs as in last stage; cross two streams, fordable, except when in flood. |
| | | SELINGA | 10 | 78 | A small village; no supplies; abundant good water from a spring and well in vicinity; some waste land just S. of, and a mango grove about 300 yds. N-E. of, village would form suitable sites for encamping; country very jungly; road rough and bad, scarcely passable during rains; cross numerous unbridged streams and nullahs, fordable, except when in flood. |
| | | KULIMARA 20,000 sq. yds. | 9 | 87 | A very small village; no supplies; limited good water from a spring 800 yds. N. of C-G., the only place suitable for latter being on waste land 300 yds. E. of village; country covered with jungle; road as in last stage; cross the Bor Khenda stream (unbridged, banks very steep, impassable during rainy season, no ferry) <i>en route</i> . |
| | | RAIBOGA 24,200 sq. yds. | 5½ | 92½ | A small village; supplies on notice; abundant good water from the Bompai stream, on bank of which is C-G.; road unmetalled, unbridged, 8 ft. wide, hilly, not fit for heavy wheeled traffic. |
| | | SUNK RIVER | 6 | 98½ | A halting place; supplies on notice; plentiful good water; site for C-G. on S. bank of Sunk R.; latter is fordable except in rains, when it is crossed by a ferry (one boat carrying 8 men); road as in last stage. |
| | | JHALBERA | 9½ | 108 | See Route 155. Country undulating and jungly; road as above. |
| | | Total marches, 13 = | | | |
| | | 108 m. | | | |

Route No. 228.
FROM DUMKA TO BAIDYANATH RAILWAY STATION.

143

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Southal Pargana, Dumka. | JARMUNDI . p-o. | 10 | 10 | A village; supplies on notice; plentiful water from 3 wells and a tank on C-G., site for which is S. of road and near village; country fairly cultivated; road 20 ft. wide, metalled and partially bridged, suitable for all arms; cross the More at 6 m., fordable, except for 24 hours after heavy rain; 1 small ferry-boat available. |
| | | TALJHARI . | 0 | 26 | A village; supplies on notice; plentiful water from 2 wells and a tank on C-G., site for which is N. of road; country and road as above. |
| | | BAIDYANATH-DEOGHUR. p-o. t-s. r-s. b. | 16 | 41 | A town; supplies on notice; plentiful good water from a well and tank near C-G., site for which is E. of town and N. of road; country and road as above. |
| | | BAIDYANATH RY. STN. | 4 | 45 | A stn. on the E. I. Ry.; supplies on notice; water from wells and tanks near r-s., E. of which is site for C-G.; country and road as above; cross the Dharna (generally nearly dry) at 2 m., impassable for a few hours after heavy rain. |
| | | Total marches, 4 = 45 m. | | | |

Route No. 229.
FROM DUMKA TO GODDA.
via RANGARH.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Southal Pargana, Dumka. | MANJHIARA 100 x 100 yds. | 7 | 7 | A small village; supplies on notice; limited and indifferent water from a small stream; site for C-G., W. of village; country hilly and wooded; road metalled for first 5 m. only, but fit for all arms throughout. |
| | | DOLPATHAR . | 8 | 15 | A small village; supplies on notice; indifferent water from a tank close to C-G., the better (of unlimited size) being S. of village and E. of road; country open and fairly wooded; road metalled for first 6 m., thence unmetalled but bridged and fit for all arms. |
| | | RANGARH . b. | 10 | 25 | A small village; supplies on notice; limited quantity of good water from a well near b., and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before. |
| | | GHANGEABAD b. | 10 | 35 | A small village; supplies on notice; limited quantity of good water from a well, and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before. |
| | | GODDA . | 12 | 47 | See Route 73. |
| | | Total marches, 6 = 47 m. | | | Country and road as before. |

Route No. 230.
FROM DUMKA TO JANGIPUR.
via MURARAI RAILWAY STATION.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District Fort William. | Dr. Commr. of Southal Pargana, Dumka. | MANJHIARA . | 7 | 7 | See Route 229. |
| | | KATIKUND . p-o. b. | 8 | 15 | A village; supplies on notice; good water from wells and the Brahmini stream on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country wooded and partly cultivated; road unmetalled, but bridged and in good order. |
| | | GOPIKANDON b. | 8 | 23 | A small village; supplies scarce; water of indifferent quality from a stream; C-G. anywhere near village; country and road as before. |
| | | AMRAPARA . | 8 | 31 | A village; supplies on notice; abundant good water from the Bansol on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country and road as before; the Bansol is crossed at end of stage, fordable except when in flood. |
| | | MAHESHPUR . | 11 | 42 | Country and road as above, but latter unbridged and unsuitable for artillery; cross the Bansol (dry except in the rains) soon after starting. |
| | | MURARAI . | 7 | 49 | |
| | | JANGIPUR . | 16 | 65 | See Route 116. For other remarks, see Route 109. |
| | | Total marches, 7 = 67 m. | | | |

Route No. 231.
FROM DUMKA TO PIRPAINTI.
via HASDIHA AND GODDA.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|--|--------------------------------|--|--------------------------------|--------|--|-----------------|
| Military. | Civil. | | Miles. | Total. | | |
| G.O. C. Presidency District, Port William. | Colr. of Bhagalpur, Bhagalpur. | Dr. Commr. of Sonthal Parganas, Dumka. | PIPRA . . . | 8½ | } See Route 120. For other remarks, see Route 73. | |
| | | | NANIHAT . . . | 8½ | | 17 |
| | | | HASDIHA . . . | 8½ | | 25½ |
| | | | PUREYA . . . | 0 | | 34½ |
| | | | GODDA . . . | 11 | | 45½ |
| | | | PATHARGAMA . . . | 0 | 54½ | } See Route 73. |
| | | | SIMRA . . . | 8 | 02½ | |
| | | | PARTABPUR . . . | 8 | 70½ | |
| | | | PEROZEPUR-BHAGALPUR (BARAHAT.) | 7 | 77½ | |
| | | | PIRPAINTI . . . | 8 | 85½ | |
| Total marches, 10 = 85½ m. | | | | | | |

Route No. 232.
FROM EDWARDESABAD TO DATTA KHEL.
via MIRANSHAH.

145

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCES. | | REMARKS. |
|---|----------------------------------|---|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Political Officer, Tochi Valley. | SAIADGI p-o. t-s. b. | 16 | 16 | A military post; supplies on notice; good water from the Tochi R.; ample space for C-G. on a plateau near the post and out of reach of floods; road 20 ft. wide, unmetalled and unbridged, but passable for carts; cross the Baran nullah, which has seldom more than a few inches of water in it, at 4½, and pass Islam Chowki Levy Post at 7½ m., then after a slight ascent and descent to Mirsal Levy Post, 10 m., the road continues parallel to the left bank of the Tochi to end of stage. |
| | | IDAK p-o. t-s. b. | 14 | 20 | A large village; supplies procurable; good water from a nullah; unlimited space for C-G. round the military post; from the Saiadgi post the graded cart-road follows the left bank of the Tochi for 8½ m. to the Shinkai Kotai, which it crosses by a zig-zag; it still keeps to the left bank for some 2 m. to the exit from the Shinkai Targi, just below Khajuri Levy Post, at 5½ m.; cross the Shua Algod and ascend 120 ft. to Khajuri Post, which is near the junction of the Shua and Tochi; the road now leaves the river and skirts the Lower Dawa Valley, until at 18 m. it passes over a rocky spur. Idak Post is reached at 14 m., about 1 m. N. of the village. |
| | | MIRANSHAH p-o. t-s. | 10 | 30 | A military entrenched camp; supplies procurable; good water from wells and a nullah; unlimited space for C-G.; road as above, still keeping well to the N. of the Tochi R.; proceed for 5 m., first through cultivation, then over a stony tract, crossing 2 nullahs on the way, to a gap between low hills, where is the Laki Levy Post, then along a plateau between low hills ascending a small Kotai at 7 m., at Isba Levy Post; ascend another small Kotai and emerge from the hills at 8 m.; enter a nullah for short distance, then ascend to the Danda plain and reach Miranshah camp at 10 m., about 1 m. S-E. of the village. |
| | | BOYA p-o. t-s. | 19 | 61 | A military entrenched camp; supplies on notice; good water from the Tochi and a well; ample space for C-G.; from the camp the cart-road turns northward across the plain to the foot of the hills, and skirting the cultivation of Upper Dawa, passes to the N. of the numerous villages between Darpa Khei and Chikitan, crosses the Tochi at about 11 m., and reaches Boya camp 1 m. beyond. |
| | | DATTA KHEL p-o. t-s. | 13 | 64 | A military entrenched camp; supplies on notice; grass and wood obtainable from the hills; abundant water from a stream and springs; ample space for C-G.; there are 3 roads from Boya to Datta Khei, one by the river, along which a cart-road is to be constructed, another via the Spinichilla Kotai, 12 m., and the third by the Tot Nari, 18 m.; the second is the one generally used by convoys, though it is not such an easy road as the third, the disadvantage of the latter being that it runs for a great portion of its course in a nullah commanded by steep banks from 20 to 50 ft. high; the present road by the river bed is in good order and is fit for laden camels. |
| | | Total marches, 5 = 64 m. | | | |

Route No. 233.
FROM EDWARDESABAD TO DERA GHAZI KHAN.
via THE FRONTIER ROAD.

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCES. | | REMARKS. |
|---|---|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Baran, Edwardesabad. | JANI KHEL . b. | 16½ | 16½ | A military outpost; village 1 m. distant; supplies on notice; abundant good water from tanks; no regular C-G., but space available for one better; country open and stony; road fair, unmetalled, passable for wheeled transport only as far as Miran; cross the Kutich Kot canal at 3, pass Miran at 8 and Dargi at 12½ m. The direct road, which is both shorter and better supplied with water, is generally used in the dry weather. It makes the following stages:— Edwardesabad to Huwaid 11 m. Ahmad Zai or Bukhmull. 12 " " Pohar Khei 18½ " " Ama Khei 11 " " TOTAL 47½ m. |
| | | SHAEDAN . | 6½ | 22 | A halting place 2 m. W. of Walli, which is a frontier post; supplies must be collected; water from springs 2 m. distant; country and road as above. |
| | | Opposite TAJORI . | 8 | 30 | A halting place 3½ m. from Tajori frontier post; supplies must be collected; water, for one battn., from a tank near C-G., or from the Rad Nagram springs, 3 m. distant; country and road as above. |
| | | KHAIIRU KHEL . 11,920 sq. yds. b. | 8½ | 38½ | A small village and outpost; supplies on notice; plentiful good water from a tank, and from the Kharoba stream; country and road as in previous stages. |
| | | AMA KHEL . 56,685 sq. yds. b. | 16 | 63½ | A village; supplies limited; water is obtained by digging pits in the bed of the Soheli stream; C-G. S-W. of village; country as before; the Bhattani range is crossed by the Bain pass between the 3rd and 5th miles. |
| | | TANK | 16 | 69½ | See Route 300. Country level and open, with partial cultivation; road fair but heavy in places; pass Shah Alam at 10½ and Kot Pathana at 12 m. |
| | | RORI | 11 | 80½ | A small village; supplies scarce; abundant water from canals; space available for C-G.; country and road as before; cross the Kirini and Gomal streams at 6 and 9 m. respectively; these streams are impassable for days after heavy rains in the hills. |
| | | LUNI 16,275 sq. yds. | 11 | 91½ | A village and outpost; supplies scarce; water from pits dug in bed of the Luni stream; site for C-G. W. of outpost; country and road as in last stage; pass Zafar Kot at 6 m. and cross the Luni stream (impassable after rain, but dry at other times) towards end of march. |

By Commr. of Dera Ismail Khan, Dera Ismail Khan.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--|--|----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. | ZARKANI . . . | 9 | 109½ | A small village and outpost; supplies scarce; abundant water from a canal; any space can be cleared for C-G; country and road as above. See Route 108. Country and road as above. |
| | | DARADAN . . . | 7 | 107½ | |
| | | CHAUDHRAWAN . . . | 11 | 118½ | |
| | | KOT THAGA KHAN . . . | 7 | 125½ | See Route 109(b). |
| | | KIRI SHAHNOZAI . . . | 10 | 135½ | |
| | | DAULATWALA . . . | 11 | 146½ | |
| | | VEHOA . . . | 8 | 154½ | |
| | | JHOK BUDHU . . . | 12 | 166½ | |
| | | MANGROTHA . . . | 10 | 182½ | |
| | | MAHOI . . . | 12 | 194½ | |
| | | MANDANI . . . | 10 | 204½ | |
| | | YARU . . . | 16 | 220½ | |
| | | DERA GHAZI KHAN . . . | 14½ | 234½ | |
| | | Total marches, 21 = 284½ m. | | | For other remarks, see Route 109. |

Route No. 234. FROM EDWARDSABAD TO DERA ISMAIL KHAN.

via THE PEZU PASS AND THE DISTRICT ROAD.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--|--|----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Bannu, Edwardsabad. | NAUBANG SARAI . . . | 16 | 16 | NOTE.—This road is bridged and metalled throughout, with 9 ft. metalling, passable for all arms; road level, except at the Pezu pass, where steepest gradient is 1 in 25. See Route 4. |
| | | SARAI GAMBILA . . . 160 x 166 yds. p-o. b. | 9 | 25 | |
| | | GHAZNI KHUL . . . 49,49 sq. yds. p-o. b. | 11 | 36 | A village; supplies must be collected; good, but limited, water from two P. W. D. wells and a nullah and tanks; C-G. 1 m. from village; country fairly well cultivated; cross the Gambila stream on starting and Karota bridge at 3 m. |
| | | PEZU . . . | 16 | 52 | |
| | | CHANDA . . . 43,560 sq. yds. b. | 5 | 57 | A very small village; plentiful good water from a P. W. D. tank which is filled from a well; supplies on notice; country, an open plain up to the pass which is insignificant; enter pass in last half of stage; surrounding hills low, and descent to the plain beyond, trifling; cross the Pezu nullah (bridged) just before reaching village. The road to the sanitarium of Sheikh Budin (elevation 4,600 ft.) turns off from Pezu. |
| | | YARIK . . . 30,040 sq. yds. b. | 11 | 68 | |
| | | SAGGU . . . b. | 11½ | 79½ | A small village; supplies and water scarce; there is a masonry pit and tank for holding rain water, but as soon as there is rain the supply is brought from Pezu; C-G. W. of village and N. of road; country level, open and pretty cultivated; from Chanda a path-way runs to Paniala along foot of hills; this is used when the water-supply fails at Chanda and Yarik, in which case troops can march from Pezu to Paniala and thence to Dera via Dand; a road to Sheikh Budin sanitarium runs up from here, passable for camels and mules; cross the Tirukhoba nullah at 1 m. by a causeway sometimes impassable for 6 hrs. after heavy rain. |
| | | DERA ISMAIL KHAN . . . 175,000 sq. yds. p-o. t-s. b. | 9 | 88½ | |
| | | Total marches, 8 = 88½ m. | | | A small village; supplies and water scarce; two tanks for holding rain water, but when they run dry the supply is brought from about 5 m. off; C-G. 1½ of road and close to village; country level and open with scarcely any cultivation. A small village; supplies scarce; water from one well close by, but any number of wells can be dug, as water is very near the surface; small site for C-G. E. of road and close to village; country as above; cross the Houd at 2 and the Shakh at 10 m. A cantonment and civil stn.; supplies abundant; plentiful good water from wells; C-G. within cantonment limits, E. of town, which is on right bank of the Indus; country as above; 3 tonga lines run from here, (1) to Edwardsabad, (2) to Yarik, (3) to nearest r-s. Darsaykhan or Bhikhan. For roads from Dera Ismail Khan to Darg and Jacobabad, see Dombay Route Book Nos. 206 and 210, respectively. |

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan. | PANIALA . . . | 15 | 61 | Country at first level and open; road sandy and stony through the Thol. Large pits; a road, suitable for mules, runs from Paniala to Sheikh Budin sanitarium, distance 10 m., gradient steep in places. See Route 234(a). For other remarks, see Route 234. |
| | | BAND . . . | 15 | 76 | |
| | | DERA ISMAIL KHAN. | 16 | 91 | |
| | | Total marches, 6 = 91 m. | | | |
| | | | | | |

Route No. 235.
FROM EDWARDESABAD TO RAJANPUR.
 via THE FRONTIER ROAD.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. | JANIKHEL . . . | 15½ | 15½ | NOTE.—This route should not be used without first consulting the civil authorities regarding the water-supply and state of the road. Routes 234 and 192(a) are preferable for the movement of troops. See Route 233. For other remarks, see Route 200. For other remarks, see Route 194. See Route 192(b). A village and frontier post; supplies procurable; limited brackish water from one well near village, close to which is ample site for C.G.; country as before; road 12 ft. wide, unmetalled, passable for all arms, but often much out up. Country as before; road as in previous stage, running for some distance through sandy tracts. See Route 197(b). For other remarks, see Route 197. |
| | | SHAEDAN . . . | 6½ | 22 | |
| | | Opposite TAJORI . . . | 8 | 30 | |
| | | KHAIRU KHEL . . . | 8½ | 38½ | |
| | | AMA KHEL . . . | 15 | 53½ | |
| | | TANK . . . | 16 | 69½ | |
| | | RORI . . . | 11 | 80½ | |
| | | LUNI . . . | 11 | 91½ | |
| | | ZARKANI . . . | 9 | 100½ | |
| | | DARABAN . . . | 7 | 107½ | |
| | | CHAUDHWAN . . . | 11 | 118½ | |
| | | KOT THAGA KHAN . . . | 7 | 125½ | |
| | | KIRI SHAHMOZAI . . . | 10 | 135½ | |
| | | DAULATWALA . . . | 11 | 146½ | |
| | | VEHOA . . . | 8 | 154½ | |
| | | JOKEH BUDHO . . . | 12 | 166½ | |
| | | MANGROTHA . . . | 16 | 182½ | |
| | | MAHOI . . . | 12 | 194½ | |
| | | MANDANI . . . | 10 | 204½ | |
| | | YARU . . . | 16 | 220½ | |
| | | VIDORE . . . | 10 | 230½ | |
| | | CHOTI . . . | 10 | 240½ | |
| | | GUNGEHAR . . . | 13 | 253½ | |
| | | HABRAND . . . | 18 | 271½ | |
| | | DRIGRI . . . | 12 | 283½ | |
| | | RUM-KA-THUL (KOT-RUM) . . . | 10 | 293½ | |
| | | MUHAMMADPUR . . . | 12 | 310½ | |
| | | RAJANPUR . . . | 8 | 318½ | |
| Total marches, 28 = 318½ m. | | | | | |

Route No. 236.
FROM EDWARDESABAD TO TANK.

149

via PEZU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Rawana, Edwardeabad. | NAURANG SARAI | 16 | 16 | NOTE.—This route would be specially useful for troops moving from Edwardeabad and Kohat in relief of the garrisons in the Shahur and Gomal, i.e., Wano, Kajuri Kach, Jatta, Tank in the Gomal, and Sarwakai and Jandala in the Shahur. See Route 4. |
| | | SARAI GAMBILA. | 9 | 25 | |
| | | GHAZNI KHEL | 11 | 36 | |
| | | PEZU | 16 | 52 | |
| | | ABAZAR | 14 | 66 | A village; supplies on notice, but limited; good water from the Takwara stream $\frac{1}{2}$ m. S. of C-G., ample site for which is N. of and close to village; country open and sandy; road merely a country track, mostly over heavy sand, impassable for wheeled transport. |
| | | TANK | 9 | 75 | |
| | | Total marches, 6 = 75 m. | | | See Route 200. Country and road as in last stage, latter impassable throughout in the rains, when the Sahali and Takwara torrents are in flood. |

Route No. 237.
FROM ETAH TO BUDAUN.

via KASGANJ AND KACHLA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|------------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahawalpur District, Bareilly. | Collector of Etah, Etah. Collector of Budaun, Budaun. | MARAICHI | 12 | 12 | A village; supplies on notice; good water. for a battn. from wells in vicinity of village, E. of and close to which is site for C-G.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; cross the Ganges canal at $7\frac{1}{2}$ m. |
| | | KASGANJ | 7 | 19 | |
| | | SORON | 8 $\frac{1}{2}$ | 27 $\frac{1}{2}$ | Country and road as above; cross the Kali Nadi at $4\frac{1}{2}$ m. |
| | | KACHLA | 8 | 35 $\frac{1}{2}$ | |
| | | UJHANI | 10 $\frac{1}{2}$ | 45 $\frac{1}{2}$ | See Route 12. |
| | | BUDAUN | 8 $\frac{1}{2}$ | 53 $\frac{1}{2}$ | |
| | | Total marches, 6 = 53 $\frac{1}{2}$ m. | | | |

Route No. 237(a).
FROM ETAH TO BUDAUN.

via PATIALI AND KAKRALA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahawalpur District, Bareilly. | Collector of Etah, Etah. Collector of Budaun, Budaun. | SIRHPURA 44,620 sq. yds. p-o. r.a. | 13 $\frac{1}{2}$ | 13 $\frac{1}{2}$ | A small town; supplies plentiful; abundant good water from wells in and near town, close to which and W. of road is site for C-G.; country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled, but bridged, except over the Kali Nadi which is crossed at 9 m., by ford in dry weather, by ferry (two boats, carrying 60 men each) in the rains; pass Sultanpur at 11 $\frac{1}{2}$ m. |
| | | PATIALI 41,140 sq. yds. p-o. r.a. | 9 $\frac{1}{2}$ | 23 $\frac{1}{2}$ | |
| | | KADIRGANJ 68,080 sq. yds. p-o. | 9 $\frac{1}{2}$ | 32 $\frac{1}{2}$ | A large village; supplies must be collected; plentiful good water from wells in vicinity of C-G., site for which is in a garden S. of and close to village; country as above; road unmetalled, sandy and heavy in places; cross the Badh Ganga (fordable) at 1 $\frac{1}{2}$ m. |
| | | KAKRALA 220 x 284 yds. p-o. | 10 $\frac{1}{2}$ | 43 $\frac{1}{2}$ | |
| | | BUDAUN | 11 | 54 $\frac{1}{2}$ | See Route 12. Country open and well cultivated; road for first 8 m., unmetalled and heavy in places, but bridged, remainder metalled; pass Phulpura at 2 $\frac{1}{2}$ and Bawalpur at $7\frac{1}{2}$ m. Near the Soti R. 1 m. from Budaun, is much wooded ground, where a large force might encamp. |
| | | Total marches, 5 = 54 $\frac{1}{2}$ m. | | | |

Route No. 238.
FROM ETAH TO MAINPURI.
via KURAOLI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Colr. of Etah, Mainpuri, Etah. | MALAWAN . . | 12 | 12 | See Route 200. |
| | | KURAOLI . . | 11 | 23 | |
| | | MAINPURI . . | 19 | 35 | |
| | | Total marches, 3 = 56 m. | | | See Route 16. Country and road as before; pass Bijauli at 6 m. |

Route No. 239.
FROM ETAH TO MUTTRA.
via HATHRAS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Colr. of Etah, Mainpuri, Etah. | AWAGARH . . 40,000 sq. yds. p-o. | 19½ | 19½ | A town; supplies procurable; plentiful good water from wells; site for C.G. E. of town and near police stn.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; cross the Isan at 2 and the Rotea at 9½ m. |
| | | JALASAR . . 35,000 sq. yds. p-o. 1-2. | 19½ | 26 | A town; supplies abundant; plentiful water from wells near C.G., site for which is W. of road; country and road as above, pass Anagarh on starting whence an unmetalled road branches off to Tandla r.s., distant 22 m.; pass Panduri at 5½ and Panchra at 7½ m. Jalsar Road r.s. is 7½ m. distant from the town. N.B.—An unmetalled cart road, 25 to 30 ft. wide, passable for troops of all arms, from Etah to Jalsar, makes the following stages:— Nidholi . . 11 m. Jalsar . . 14 „ TOTAL . . 25 m. |
| | | HATHRAS . . | 18 | 41 | There are no C.G.s., but supplies can be collected, and a camp might be pitched on cultivation W. of the road at Nidholi; water from village wells. See Route 9. Country and road as above; Hathras is on Cawnpore-Achnera Ry. and is 6 m. W. of the Hathras Road Junction on E. I. Ry. with which it is connected by a good metalled road, running alongside the ry.; cross the Isan at 2 m., fordable, except in the rains, when two boats are available, carrying 50 or 60 men. |
| | | RAYA . . | 18½ | 57½ | Country and road as before, latter running alongside the ry.; at 10 m. an unmetalled road leads to Igias, distant 11 m. |
| | | MUTTRA . . | 10½ | 67½ | See Route 29. For other remarks, see Route 13. |
| | | Total marches, 5 = 67½ m. | | | |

Route No. 240.
FROM ETAH TO SHIKOHABAD RAILWAY STATION.
via JASRANA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Colr. of Etah, Mainpuri, Etah. | BAKSHIPUR . . | 13 | 13 | A small village; supplies on notice; plentiful good water in vicinity of C.G., site for which is in fields close to village; country open and well cultivated, road metalled and bridged; cross the Isan (fordable, except after heavy rain) at 6 and pass Rajor at 11½ m. |
| | | JASRANA . . 110,814 sq. yds. p-o. | 11 | 24 | A large village; supplies abundant; plentiful good water from wells in the vicinity of C.G., which is E. of road and near village; country and road as in last stage; cross the Arrand at 5 m. |
| | | SHIKOHABAD RY. STN. | 12½ | 36½ | See Route 15. Country and road as above; cross the Seygur at 2 and pass the town of Shikohabad at 10 m. |
| | | Total marches, 3 = 36½ m. | | | |

Route No. 241.
FROM ETAWAH TO MANDRAEL.
via MEHGAON, JIGNI AND SABALGARH.

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| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|-----------------------------------|------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Etawah, Etawah. | UDAI b. | 7½ | 7½ | A small village on left bank of the Chambal; supplies from Etawah; good water from the river, near which is extensive (in dry season only) site for C-G.; country well cultivated; road 80 ft. wide and metalled; cross the Jumna at about 3 m., by pontoon bridge in dry season, by ferry (8 boats, each carrying 150 men) in the rains. |
| | | BHIND 250 x 250 yds. p-o. b. | 13 | 20½ | A town, partly in ruins; supplies procurable; plentiful good water from a well N. of C-G., which is W. of road and town; country intersected by ravines for about 8 m., thence flat and cultivated; road as above; cross the Chambal on starting, by bridge of boats in dry season, by ferry (16 boats) in the rains, and the Koari at 7½ m., by ford in dry season, by ferry in the rains. |
| | | MEHGAON . 800 x 250 yds. p-o. b. | 12½ | 33 | A large village; supplies on notice; good water, for a battn., from a well S. of C-G., which is E. of road and near village; country flat and cultivated; road as above; pass Dobo at 2½ and Ghijora at 9 m. |
| | | GOHEMI . 200 x 75 yds. p-o. b. | 9½ | 42½ | A village; supplies on notice, but limited; good water, for a battn., from a well near b., 200 yds. N-E. of which and W. of village is site for C-G.; country and road as above. |
| | | PORESA . 150 x 180 yds. p-o. b. | 10½ | 52½ | A village; supplies on notice; good water, for a battn., from a well E. of C-G., site for which is S-W. of village and W. of a large tank; country and road as above; cross the Koari at 6½ m., by ford, in dry weather, over a causeway. |
| | | AMBAH . 400 x 350 yds. p-o. b. | 10 | 62½ | A town with hospital and barracks; supplies on notice; good water, for a battn., from 2 wells, one at b., and the other near C-G., site for which is W. of, and close to, tehsil; country and road as before; pass Tharra at 6 m. |
| | | JIGNI . 40,000 sq. yds. | 16½ | 78 | A large village; supplies on notice; good water, for a battn., from 2 wells E. of C-G., which is W. of road and village; country and road as above; pass Talpapur at 4 and cross the Koari at 8½ m., by ford over a stone causeway in dry weather, by floating bridge in the rains. |
| | | JONRA . 60,000 sq. yds. | 6½ | 84½ | A village; supplies on notice; good water, for a battn., from a well on C-G., which is among trees S-E. of village and near the Agra-Jhansi road; country and road as before; cross the ry. line near Morena r.s. at 4½ m. |
| | | JAURA . 250 x 190 yds. p-o. b. | 15½ | 99½ | A town; supplies procurable; good water, for a battn., from a well in centre of C-G., which is reached ½ m. before village, with a temple on it; country and road as above; pass Chahra at 9½ and Bilgaon at 12½ m. |
| | | KELARAS . 400 x 120 yds. p-o. b. | 12 | 111½ | A large village on right bank of the Koari; supplies on notice; good water, for a battn., from a well in a garden E. of C-G., which is at the foot of a hill, about ½ m. E. of village; country and road as above; cross a branch of the Koari en route, by a strong iron bridge. |
| | | SABALGARH . 125,600 sq. yds. p-o. b. | 14½ | 126½ | A town with large fort; supplies plentiful; abundant good water from wells in gardens in vicinity of C-G., which is N. of town and 180 yds. W. of b., partly enclosed by a small stream; country flat and sparsely cultivated, hills on S. of road quite close; road good, but unmetalled for last ½ m.; cross the Koari soon after starting by an iron bridge, and pass Knodoli at 10 m. |
| | | MANDRAEL . 250 x 200 yds. | 11 | 137½ | A walled town; supplies procurable; good water, for a battn., from a well 200 yds. N. of C-G., which is S. of and close to town; country rocky and cut up by ravines; road bad and impracticable for carts, crossing many nullahs; a guide would be necessary; pass Mauwaul at 3½ and cross the Chambal (deep and unfordable) at 8½ m., by ferry, 6 boats, each carrying 8 men. |
| Total marches, 12 = | | 137½ m. | | | |

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Route No. 242.
FROM FARIDPUR TO CHUADANGA RAILWAY STATION.
via CHANDPUR AND JHENIDAH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Faridpur, Faridpur. | KANAIPUR . 242,000 sq. yds. | 7 | 7 | A village on left bank of the Kumar R.; supplies must be collected; good water from the river, near which and in fields is site for C-G.; country low-lying and completely under water during the rains; road 10 ft. to 20 ft. wide, unmetalled; the wooden bridges will not bear artillery; cross Faridpur Bazar Khal on starting; by temporary bridge in the dry season, by ferry (1 large boat) in the rains. |
| | | CHANDPUR . 72,600 sq. yds. | 4 | 11 | A village on left bank of the Kumar; supplies must be collected; good water from the river, on bank of which and close to village is site for C-G.; country and road as before; cross a stream, by wooden bridge, <i>en route</i> . |
| | | SYDPUR . 212,000 sq. yds. | 9 | 20 | A village on left bank of the Barasia R.; supplies on notice; good water from the river, near which and in paddy fields (flooded in the rains) is site for C-G.; country and road as before; cross the Kumar on starting, by ferry carrying 20 men, and 8 unbridged gaps <i>en route</i> , by ford in dry season, by ferry in the rains. |
| | | BINODPUR . p-o. | 18 | 38 | A large village on left bank of the Nobonganga R.; supplies on notice; good water from the river, near which and in fields close to village is extensive site for C-G.; country low and swampy; road as before. |
| | Collector of Jessore, Jessore. | MAGURA . p-o. | 6 | 39 | A small civil stn. on right bank of the Nobonganga R.; supplies on notice; good water from the river, near which and in fields close to village is extensive site for C-G.; country and road as above; cross the Nobonganga R. on starting, by ferry, carrying 12 men. |
| | | GOPALPUR . | 8 | 47 | A small bazar on right bank of the Nobonganga R.; supplies on notice; good water from the river, near which is extensive site for C-G.; country and road as before; cross a stream in the 3rd m. by ferry carrying 12 men. |
| | | JHENIDAH* . 50,000 sq. yds. p-o. | 8 | 55 | A small civil stn. on right bank of the Nobonganga; supplies on notice; plentiful good water from the river, in fields near which is site for C-G.; country as above; road raised above flood-level, and metalled for the last 2 m. |
| | | BORAI . | 12½ | 67½ | A small village; supplies on notice from Saduhati, 1½ m. distant; indifferent water from the Nobonganga, in fields near which is extensive site for C-G.; country as above; road, above flood-level, metalled and bridged, suitable for all arms. |
| | Collector of Nadia, Krahmagar. | CHUADANGA RY. STN. p-o. h. | 11 | 78½ | A small town on the Matabhanga R.; supplies on notice; indifferent water from the river, in fields near which is site for C-G.; there is also a small site near r-o.; country and road as in last stage; pass Buladi at 6 m. |
| | | Total marches, 9 = 78½ m. | | | |

Route No. 243.
FROM FARIDPUR TO DACCA.
via ROHITPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Dacca, Dacca. | LESRAGANJ (HARIHAMPUR) p-o. | 7 | 7 | A village; supplies on notice; good water from the Ganges, near left bank of which (during dry season only) is extensive site for C-G.; country low and submerged during the rains; road a mere track, impassable for carts during the greater part of the year. |
| | | PALAMGANJ . | 15 | 22 | A village; supplies on notice; good water from the Palamganj Khal (dry in dry season) and a tank 2½ m. W. of village, extensive site for C-G. being near latter; country and road as before; cross the Palamganj Khal at end of stage, no ferry. |
| | | CHURAIN . | 11 | 33 | A village near the Ichamati; supplies on notice; good water from the river, close to which is extensive site for C-G.; country and road as before; cross the Ichamati at end of stage, by ferry. |
| | | ROHITPUR . p-o. | 8 | 41 | A village; supplies on notice; good water from the Dhaleswari, near which is extensive site for C-G.; country and road as before; cross the Dhaleswari (2 m. wide) at end of stage, by a ferry of 8 boats, carrying 35 men each; nullahs unbridged, but fordable in dry season. |
| | | DACCA . 122,220 sq. yds. p-o. t-s r-s. h. | 8 | 49 | A civil stn. and old cantonment; supplies plentiful; good water from the water-works and tanks in vicinity of C-G., which is N. of, and close to town; country as above; road a fair weather track, passable in dry season; cross the Buriganga at end of stage, by large ferry; nullahs as in last stage. |
| | | Total marches, 5 = 49 m. | | | |

Route No. 244.
FROM FARIDPUR TO GOALUNDO.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency Dist., Fort William. | Collector of Faridpur, Faridpur. | GOALUNDO . | 18 | 18 | See Route 187. Country low and subject to inundation; road metalled for the first 8 m. only, but raised throughout, though frequently submerged by the over-flowing of the Ganges or Padma R.; cross 2 khals <i>en route</i> , one by a strong bridge, the other by ferry (1 boat carrying 50 men); pass Mintala about half-way where a halt might be made; it is not recommended, however, the country being unhealthy. The best way to reach Goalundo from Faridpur is by steamer, there being a regular service. |
| | | Total marches, 1 = 18 m. | | | |

FROM FATEHGARH TO ALIGARH.

via ALIGANJ, ETAH, AND THE GRAND TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Ferozkabad, Fatehgarh. | NAWABGANJ 500 × 180 yds. p-o. | 16 | 16 | A good-sized village; supplies on notice; fair water, for a battn., from 2 wells close to C-G., which is W. of and near village; country level, open and well cultivated; road metalled for first 7 m., thence unmetalled, but bridged throughout and practicable for all arms; pass through the town of Ferozkabad at 2½, Baran at 8 m., and Nawabganj at end of stage. |
| | | | | | |
| G. O. C. Meerut District, Meerut. | Collector of Etah, Etah. | ALIGANJ 205,200 sq. yds. p-o. b. | 15½ | 31½ | A town; supplies abundant; plentiful good water from wells in town, N-E. of and close to which is site for C-G.; country as before; road as in latter part of last stage; pass Ismailpur at 4, Jarari at 8, and Pachnada at 18½ m. |
| | | PARAULI 60,500 sq. yds. | 18 | 44½ | |
| | | BHAGWALA 550 × 440 yds. | 11 | 55½ | |
| | | ETAH | 9 | 64½ | |
| | Collector of Aligarh, Aligarh. | BHADWAS | 11 | 75½ | A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is on roadside near village; country and road as above, but latter heavy and sandy in places; pass Dharsuli at 8 and Kolia at 11 m. |
| | | SIKANDRA-BAO | 9 | 84½ | |
| | | AKRABAD | 10½ | 94½ | |
| | | ALIGARH | 14½ | 109 | |
| | | Total marches, 9 = 109 m. | | | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is on roadside W. of and close to village; country as before; road as above, except at the Kali Nadi which is crossed at 8½ m. by bridge-of-boats in dry season, by ferry (4 boats) in the rains; pass Harnauli at 9 m. |
| | | | | | |
| | | | | | Country and road as before; cross the Ganges canal at 4 and pass Kosari at 6 m. |
| | | | | | See Route 265. |

Route No. 245(a).

FROM FATEHGARH TO ALIGARH.

via ALIGANJ, KASGANJ, AND GANGIRI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Ferozkabad, Fatehgarh. | NAWABGANJ | 16 | 16 | See Route 245. |
| | | | | | |
| G. O. C. Meerut District, Meerut. | Collector of Etah, Etah. | ALIGANJ | 15½ | 31½ | See Route 287(a). Country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled and sandy in places; pass Sarawal at 5½ and Bhojpur at 8 m. |
| | | PARAULI | 18 | 44½ | |
| | | SIRHPURA | 10 | 54½ | |
| | | AMANPUR p-o. | 9 | 63½ | |
| | Collector of Aligarh, Aligarh. | KASGANJ | 10 | 73½ | See Route 19. Country and road as before; heavy sand near Kasganj; pass Karsana at 4 m. |
| | | GANGIRI | 12½ | 86 | |
| | | JALALI | 11½ | 97½ | |
| | | ALIGARH | 14½ | 111½ | |
| | | Total marches, 9 = 111½ m. | | | See Route 24. For other remarks see Route 245. |

Route No. 245(b).
FROM FATEHGARH TO ALIGARH.
via ALIGANJ AND SAHAWAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Furruckabad, Fatehgarrh. | NATVABGANJ . . . | 10 | 10 | } Norm — Route 245 is preferable to this, the road being in better condition throughout. See Route 245. |
| | | ALIGANJ . . . | 16½ | 31½ | |
| | | PATIALI . . . | 17 | 18½ | } See Route 237(a). Country level, open and well cultivated; road for first 9 m. metalled and bridged, remainder unmetalled, but in good condition and suitable for all arms; pass Kyn at 8 and crosses a branch of the Budh Ganga (fordable) at 12 m. |
| G. O. C. Meerut District, Meerut. | Collector of Etah, Etah. | SAHAWAR . . . 18,290 sq. yds. p-o. r-s. | 13 | 61½ | |
| | | KASGANJ . . . | 11 | 72½ | } See Route 12. Country and road as above. |
| | | GANGIRI . . . | 12½ | 85 | |
| G. O. C. Aligarh, Aligarh. | Collector of Aligarh, Aligarh. | JALALI . . . | 11½ | 96½ | } See Route 24. |
| | | ALIGARH . . . | 14½ | 110½ | |
| | | Total marches, 8 = 110½ m. | | | For other remarks see Route 226 |

Route No. 245(c).
FROM FATEHGARH TO ALIGARH.
via KAMGANJ, PATIALI, KASGANJ, AND GANGIRI.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Furruckabad, Fatehgarrh. | SHUKRULLAPUR . 170 x 170 yds. | 12 | 12 | } A small village; supplies on notice; plentiful good water from 3 wells in village, and (for animals) from the Ganges canal near C-G., which is ½ m. W. of the ry. line; country level and well cultivated; road metalled and bridged, suitable for all arms; pass through the town of Furruckabad at 2½ and leave it at 4 m, whence a road (Route 240) branches off to Shamsabad. |
| | | KAIMGANJ . . . 240 x 180 yds. p-o. t-s. r-s. | 10 | 22 | |
| | | KAMPIL . . . 160 x 110 yds. p-o. | 0 | 28 | } A large town; supplies procurable; plentiful good water from 2 wells, and (for animals) from the Ganges canal near C-G., which is close to town and ½ m. from r-s; country and road as in last stage; pass Daleganj at 3½, a metalled road to Shamsabad at 4½, and Papi at 8 m. |
| G. O. C. Meerut District, Meerut. | Collector of Etah, Etah. | SIWARI . . . 200 x 100 yds. | 8 | 80 | |
| | | PATIALI . . . | 10 | 46 | } See Route 237(a). Country and road as above; cross the Budh Ganga (no ferry) at 7 m, by ford in dry season. |
| | | SAHAWAR . . . | 13 | 59 | |
| G. O. C. Aligarh, Aligarh. | Collector of Aligarh, Aligarh. | KASGANJ . . . | 11 | 70 | } See Route 246(b). For other remarks see Route 12 |
| | | GANGIRI . . . | 12½ | 82½ | |
| | | JALALI . . . | 11½ | 94 | } See Route 24. |
| | | ALIGARH . . . | 14½ | 108½ | |
| | | Total marches, 10 = 108½ m. | | | For other remarks see Route 205 |

Route No. 246.
FROM FATEHGARH TO BUDAUN.
via KAKKALA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh Dist., Lucknow. | Collector of Furruckabad, Fatehgarrh. | ROSHANABAD . 180 x 75 yds. p-o. | 13½ | 13½ | A moderate-sized village; supplies procurable; plentiful good water from wells, and (for animals) from a pond, in and near village, 500 yds. S. of which is C-G. country well cultivated; road metalled and bridged for first 6 m. only, thence, 30 ft. wide, sandy and heavy, difficult for wheeled traffic; leave the town of Furruckabad at 4 and pass Amliya at 10 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|--------------------------------|----------------------------------|--|-----------|--------|---|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Outh. Dist., Lucknow. | Colr. of Farruckabad, Fatehgarh. | PUNTHAR . . . | 16 | 28½ | A small village near right bank of the Ganges; supplies on notice; indifferent limited water from wells on C-G., small site for which is about ½ m. from village; country as above, excepting the latter part of the stage, which is dry and arid; road, a cart track, difficult at all times for wheeled traffic, impassable in the rains; pass Shamabad at 4, cross the Budh Ganga (fordable) at about 7, and pass Ahmedganj at 11 m. | |
| | | ATEHNAH . . . 260 × 220 yds. | 4 | 32½ | | A small village; supplies on notice; plentiful good water from wells in village, N. of and close to which is C-G.; country and road as above; cross the Ganges at 2 m., by ferry. |
| | | USERAT . . . 260 × 220 yds. p-o. b. | 9½ | 42½ | | |
| | | KAKRALA . . . | 7 | 49½ | | Country and road as before; pass Rupapur at 2 m. |
| | | BUDAUN . . . | 11 | 60½ | | |
| Total marches, 6 = 60½ m. | | | | | | |

Route No. 247.

FROM FATEHGARH TO ETAWAH.

via BEWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Furruckabad, Fatehgarh. | MUHAMMADABAD. | 18 | 18 | } See Route 16. For other remarks see Route 260. |
| | | BEWAR . . . | 11 | 24 | |
| | | KISUNI . . . 27,770 sq. yds. p-o. | 14 | 38 | |
| | | MANJ . . . | 12 | 50 | |
| | | ETAWAH . . . | 13½ | 63½ | |
| G. O. C. Meerut District, Meerut. | Collector of Etawah, Etawah. | Total marches, 5 = 63½ m. | | | A large village; supplies procurable; plentiful good water from wells, and from a tank near village, close to which and in fields is site for C-G.; country level, open and well cultivated; road metalled and bridged; cross the Isan at 7, a branch of the same stream at 8½, and the Arraud at 10½ m. An unmetalled road branches off from Kishni to Karhal, distant 20 m. |
| | | | | | A large village on rising ground, ½ m. W. of road; supplies on notice; abundant water from wells in vicinity of village, near which and in fields is site for C-G.; country and road as before; cross the Pira stream at 8½ m. |
| | | | | | See Route 15. Country fairly cultivated; road as above; cross the Ahmi stream on starting and the Seyngur at 8 m. |

Route No. 248.

FROM FATEHGARH TO HARDOI.

via SANDI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Dy. Commr. of Hardoi, Hardoi. | DHARNPUR 800 × 300 yds. | 11 | 11 | A small village; supplies procurable; good but limited water from a well on C-G., which is 3. of road and near village; country level, open and cultivated; road metalled and bridged for a short distance after starting, thence unmetalled, heavy, rough, and sandy; cross the Ganges at 1½ m. by ferry (3 boats carrying 100 men). |
| | | SANDI 450 × 810 yds. p-o. | 14 | 25 | A large town; supplies abundant; good water, for a battn, from a well near, and (for animals) from a tank on C-G., which is close to town; country as before; road unmetalled but raised and bridged, unfit for artillery during the rains; cross the Ramganga on starting, the Seodha at 10 m., and the Garra at end of stage. |
| | | HARDOI | 13 | 38 | See Route 148. Country as before; road metalled and bridged, practicable for all arms throughout the year; pass Manjhin at 6½ m. |
| | | Total marches, 3 = 38 m. | | | |

Route No. 249. FROM FATEHGARH TO SHAHJAHANPUR, via JALALABAD.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------|--|-----------|-------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. G. O. C. Rohilkund District, Bareilly. | Collector of Fatehgarh. | ALLAHGANJ | 18 | 18 | See Route 87. |
| | Collector of Shahjahanpur. | JALALABAD | 12½ | 25½ | |
| | | KANT 25,000 sq. yds. p-o | 10 | 35½ | A village; supplies on notice; good water, for a battn, from a well on C-G, which is on roadside close to village; country flat and cultivated; road metalled and bridged, passable for all arms; pass Jashanpur at 6½ m. See Route 92. Country and road as before; cross the Garra near the town of Shahjahanpur at 8 m. by bridge of boats in dry season, by ferry (5 boats carrying 100 men each) in the rains. |
| | | SHAHJAHANPUR Church. | 10½ | 46½ | |
| | | Total marches, 4 = 46½ m. | | | |

Route No. 250. FROM FATEHGARH TO SITAPUR. via SHAHABAD.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-------------------------|--|-----------|-------|---|
| Military. | Civil | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. G. O. C. Oudh District, Lucknow. | Collector of Fatehgarh. | ALLAHGANJ | 18 | 18 | See Route 87. |
| | Collector of Fatehgarh. | PALI 200 × 200 sq. yds. p-o. r-s. | 10 | 28 | A small town on right bank of the Garra; supplies procurable; good water, for a battn, from wells in the vicinity of C-G, which is W. of road and near town; country open and well cultivated; road, a country track, flooded during the rains, and very difficult at all times for wheeled traffic; cross the Sandha stream (unbridged, no ferry, but fordable in dry season) at 2, and pass Jura at 7 m. |
| | Collector of Fatehgarh. | SHAHABAD 80,000 sq. yds. p-o. r-s. | 11 | 39 | |
| | Collector of Fatehgarh. | ANIRI 90,000 sq. yds. r-s. | 6 | 45 | A large town; supplies abundant; good water, for a battn, from a well E. of and close to C-G, which is on roadside near town; country as above, road neither metalled nor bridged, flooded and difficult for wheeled traffic during the rains, cross the Garra R. on starting, by ferry (2 boats, carrying 50 men each), and pass Parih at 4 m.; nullahs always fordable. |
| | Collector of Fatehgarh. | PIHANI 160,000 sq. yds. p-o. r-s. | 11 | 56 | |
| | Collector of Fatehgarh. | KULABAR GHAT. 500 × 400 yds. | 6 | 62 | A small village; supplies procurable; good but limited water from a well ½ m. E. of C-G, which is close to village near the Gumti; country and road as above p-o. Dhubia at 4½ m. |
| | Collector of Fatehgarh. | MAHOLI 400 × 300 yds. p-o. | 12 | 74 | |
| | Collector of Fatehgarh. | SITAPUR Church | 14½ | 88½ | A large village; supplies procurable; abundant good water from wells on and near C-G, which is N. of road and close to village; country and road as before, but sandy and heavy for the first 2 m.; cross the Gumti on starting, by a ferry, and the Kutra R. (bridged) at end of stage. See Route 154. Country as above; road raised, metalled and bridged, practicable for all arms; cross the Pirbi at 11 m. and the Suran at end of stage; the trestle bridge over the latter stream is unsafe for heavy wheeled traffic, which must cross by the old bridge and proceed through the old town of Sitapur. |
| | Collector of Fatehgarh. | Total marches, 8 = 88½ m. | | | |
| | Collector of Fatehgarh. | | | | |

Route No. 251. FROM FATEHPUR TO FYZABAD. via LALGANJ AND HAIDARGARH.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|--|--|-----------|-------|--|
| Military. | Civil | | Miles | Total | |
| G. O. C. Oudh Dist., Lucknow. | Dy Commr. of Rae-Bareilly, Rae-Bareilly. | RALPUR | 0 | 0 | A halting place on left bank of the Ganges; supplies scarce; plentiful good water from wells on C-G, small site for which is on both sides of road, near the river; country level, open and well cultivated; road unmetalled, but raised and bridged; cross the Ganges at Bithura Ghat at end of march, by 4 country boats, each carrying 3 tons |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Deputy Commissioner of Rae-Bareilly, Rae-Bareilly. | LALGANJ . . . | 11 | 20 | See Route 39. Country and road as above, but latter liable to floods and difficult for wheeled traffic in the rains; from Lalganj roads branch off to Dalman, Bihar, and Rae-Bareilly, distant respectively 9, 16, and 19 m. |
| | | GURBAKSHGANJ 400 x 200 yds. p-o. | 10 | 30 | A bazar; supplies procurable; abundant good water from 2 wells on C-G., which is W. of road, and near bazar; country and road as before; cross the Busaha nullah (strongly bridged) at 7 m. |
| | | BACHHRAON p-o. r-r. | 14 | 44 | A large village; supplies procurable; plentiful good water from a well on C-G., small site for which is N-E. of road and near village; country and road as above, but latter sandy; cross the Sal R. at 5 m., by ford in dry season, by ferry, carrying 6 men, in rains. |
| | | BHOWANIGARH . | 9 | 53 | A small village; supplies procurable; good water, for a battn., from a well near C-G., small site for which is E. of and close to village; country and road as before; cross a nullah (strongly bridged) en route. |
| | | HAYDARGARH 400 x 400 yds. p-o. b. | 9½ | 62½ | A small town; supplies procurable but scarce; plentiful good water from a well on C-G., site for which is about 500 yds. N-W. of town; country fairly cultivated, with jungle here and there; road unmetalled but raised and bridged, practicable for all arms; pass Pakhra at 5 m. |
| | Deputy Commissioner of Bareilly, Jilmt-Bankhi. | SURAJPUR . 61,110 sq. yds. | 11 | 73½ | A village; supplies procurable; plentiful good water from 2 wells near C-G., which is E. of road and close to village; country fairly cultivated; road as in last stage, with a few sandy places, rather difficult for wheeled traffic in rains; cross the Gumti R. at 4, by a bridge-of-boats in the dry season, by ferry (10 large boats) in the rains, and the Rori at 10 m. |
| | | RAMSANEHIGHAT 410 x 300 yds. p-o. | 9½ | 83 | A village; supplies procurable; plentiful good water from a well near C-G., which is S. of road and close to village; country as above; road for 7 m., where it joins the Lucknow-Fyzabad road, as in last stage, but low and liable to floods in places, thence metalled and raised; cross the Naya nullah (strongly bridged) at 2 m. |
| | | BHILSAR . 500 x 400 yds. p-o. | 12½ | 94½ | A village; supplies abundant; plentiful good water from 3 wells on C-G., which is N. of road, and near village; country as above; road as in latter part of last stage; cross the Kalliani Nadi (bridged) on starting, the Gondah-Rudauli road at 11 m. Rudauli r-r. is ½ m. S. of village. |
| | | RONATH 147,280 sq. yds. p-o. | 13½ | 108 | A village near right bank of the Gogra; supplies procurable; good water, for a battn., from a well S-W. of C-G., which is N. of road and near village; country level, open and well cultivated; road raised and metalled, practicable for all arms, runs parallel to the O. & R. Ry. |
| | | FYZABAD . . . | 10½ | 118½ | See Route 31. Country and road as before. |
| Dr. Commr. of Fyzabad, Fyzabad. | | Total marches, 11 = | | | |
| | | 118½ m. | | | |

Route No. 252.
FROM FATEHPUR TO PARTABGARH.
via DALMAU GHAT AND SALON.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Outh District, Lucknow. | Colts of Fatehpur, Fatehpur. Deputy Commissioner of Rae-Bareilly, Rae-Bareilly. Dr. Comar. of Partabgarh, Partabgarh. | HUSAINGANJ 500 x 300 yds. p-o. t-s. | 9 | 9 | A large village; supplies procurable; plentiful good water from 2 wells on C-G., which is close to village; country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms; pass Chaurparva at 3 and Saidanpur at 6 m. |
| | | DALMAU p-o. | 9 | 18 | A city on left bank of the Ganges; supplies abundant; good water, for a battn., from a well on C-G., small site for which is on roadside, near city; country and road as above; cross the Ganges at end of stage, by ferry (10 boats carrying 30 men each). |
| | | JAGATPUR . . . | 16 | 34 | See Route 38(a). Country as above; road as before for first mile, where the Rae-Bareilly road is left, thence unmetalled but raised and bridged; pass Kilauli at 7½ m. |
| | | SALON . . . | 13 | 47 | See Route 35. Country cultivated, low and swampy in places; road as above, but difficult for heavy wheeled traffic in the rains; joins the road from Rae-Bareilly at end of stage. |
| | | RAIPUR 1,600 x 800 yds. | 11½ | 68½ | A village; supplies procurable; plentiful good water from wells on C-G., which is close to the village; country and road as in last stage; pass Karhia at 6 m. |
| | | HANDOUR 900 x 700 yds. | 12½ | 70½ | A large village; supplies on notice; plentiful good water from a well near C-G., which is N. of and close to village; country and road as above; pass Lalgaonj at 6 m. |
| | | PARTABGARH (BELA). | 11 | 81½ | See Route 31. Country and road as above. |
| | | Total marches, 7 = 81½ m. | | | |

Route No. 252(a).
FROM FATEHPUR TO PARTABGARH.
via GUTNI GHAT AND LALGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Allahabad. Lucknow. | Collector of Fatehpur. | THARIYAON . . . | 12 | 12 | See Route 266. |
| | | KATOGHAN . . . | 12½ | 24½ | |
| G. O. C. Allahabad District, Allahabad. Lucknow. | Deputy Commissioner, Partabgarh, Allahabad. Partabgarh. | SAINI . . . | 13 | 37½ | |
| | | MANIKPUR . . . | 9½ | 47½ | See Route 36(a). |
| | | SANGRAMGARH . . . 16,000 sq. yds. p-o. | 6½ | 54½ | A small village; supplies on notice; plentiful good water from a well on, and (for animals) from a hole near C-G., which is close to village; country flat and cultivated; road 30 ft. wide, unmetalled but raised and bridged, practicable for all arms. From Sangramgarh a road branches off to Jalesgarh (p-o.), distant 8½ m. |
| | | LALGANJ . . . 17,000 sq. yds. p-o. | 13 | 68½ | A large village; supplies on notice; plentiful good water from 2 wells near C-G., which is N. of road and close to village; country and road as in last stage. The road from Partabgarh to Rae-Bareilly runs through Lalganj. |
| | | HANDOUR . . . | 6½ | 75½ | See Route 269. For other remarks see Route 31. |
| | | PARTABGARH (BELA). . . | 11 | 86½ | |
| | | Total marches, 8 = 86½ m. | | | |

Route No. 252(b).
FROM FATEHPUR TO PARTABGARH.
via GUTNI GHAT AND BIHAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Allahabad. Lucknow. | Collector of Fatehpur. | THARIYAON . . . | 12 | 12 | See Route 266. |
| | | KATOGHAN . . . | 12½ | 24½ | |
| G. O. C. Allahabad District, Allahabad. Lucknow. | Deputy Commissioner of Partabgarh, Allahabad. Partabgarh. | SAINI . . . | 13 | 37½ | |
| | | GUTNI GHAT . . . | 6 | 43½ | A halting place; supplies on notice; good but limited water from a well E. of road and (for animals) from the Ganges, near which and on both sides of road is site for C-G.; country and road as above. |
| | | KUNDA . . . p-o, b. | 8 | 51½ | See Route 26(b). Country flat and cultivated; road 40 ft. wide, unmetalled, but bridged and practicable for all arms. |
| | | BIHAR . . . | 8 | 59½ | See Route 86. Country level, open and well cultivated; road as before. From Bihar road, branch off to Sangramgarh, Jalesgarh, and Derwa. |
| | | JETHWARA . . . 24,200 sq. yds. p-o. | 14 | 73½ | A small village; supplies procurable; plentiful good water from 2 wells on C-G., which is W. of the police sta.; country and road as above. |
| | | PARTABGARH (BELA). . . | 12 | 85½ | See Route 81. Country and road as in last stage. |
| | | Total marches, 8 = 86½ m. | | | |

Route No. 253.
FROM FATEHPUR TO RAE-BAREILLY.
via DALMAU GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Fatehpur. | HUSAINGANJ . . . | 9 | 9 | See Route 253. |

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh Dist., Lucknow. | Dy. Commr. of Rae-Bareilly, Rae-Bareilly. | DALMAU . . . | 9 | 18 | See Route 252. |
| | | KUTGARH . . . | 9 | 27 | A small village; supplies procurable; good water, for a battn., from a well on C-G., small site for which is on roadside near village; country level, open and well cultivated; road as in previous stage. |
| | | RAE-BAREILI . . . | 0 | 36 | See Route 36. |
| | | Total marches, 4 = 80 m. | | | Country and road as in last stage; pass Munshiganj and join the road from Allahabad at 8 m., and cross the Sai at end of stage. |

Route No. 253(a).
FROM FATEHPUR TO RAE-BAREILI.
via BITHURA GHAT.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Rae-Bareilly, Rae-Bareilly. | RALPUR . . . | 9 | 9 | } See Route 251. For other remarks see Route 33. |
| | | LALGANJ . . . | 11 | 20 | |
| | | ETAURA . 480 x 120 yds. | 10 | 30 | A small village; supplies procurable; plentiful good water from 3 wells on, and (for animals) from a tank 1 m. from C-G., which is close to village; country open and level; road unmetalled, but raised and bridged, flooded during the rains; cross the Sai at 2 m. |
| | | RAE-BAREILI . | 9 | 39 | |
| | | Total marches, 4 = 39 m. | | | |

Route No. 254.
FROM FEROZEPUR TO BAHAWALPUR.
via FAZILKA AND KHAIRPUR.

| AUTHORITIES. | | Names of places and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meer Meer. | Deputy Commissioner of Ferozepore, Ferozepore. | NAWA KILLA 202,620 sq. yds. | 10½ | 10½ | A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is E. of road and near village; country level, open and cultivated; road metalled for the first 1½ m. only, but good; pass Khai at 4 m. From Nawa Killa road branch off W. to Mamoot (p.o.), where there is a ferry over the Sutlej, and S-E. to Faridkot, distant 4 and 23 m., respectively. |
| | | MOHANKI . . . 90,000 sq. yds. | 12½ | 23 | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is close to village; country for the first 6 m., level, open, and cultivated, afterwards sandy and jungly; road unmetalled and heavy in places; cross a difficult nullah en route. |
| | | BAGGEKA . . . 44,550 sq. yds. | 12 | 35 | A large village; supplies procurable; plentiful good water from wells in vicinity of C-G., which is close to village; country level, open and cultivated or E. side, grass and lush jungle on W. side; road very fair, but unmetalled; pass Amir at 7 m. |
| | | FAZILKA . . . 68,480 sq. yds. p-o. L.S.T.S. b. | 16 | 51 | A large village about 5 m. from left bank of the Sutlej; supplies plentiful; abundant good water from wells in vicinity of C-G., which is near village; country sparsely cultivated; road as above; shortly after starting descend into old bed of the Sutlej, along which the road runs for about a mile. From Fazilka road branch off to Mooltan, 18½ m., Sirsa, 60 m., and Bikaner. The road from Ferozepore is important, as it commands 60 m. of the inner line of Sutlej, which is not more than 5 m. distant at any point. |
| | | HASIL SARU b. | 12½ | 63½ | A village; supplies procurable; plentiful good water from a well on, and 3 others near small C-G., which is marked by pillars, about 200 yds. from the Fordwah canal; country jungly; road unmetalled, but good and suitable for all arms. |
| | | McLEODGANJ 1,500 x 800 yds. p-o. b. | 11 | 74½ | A town; supplies plentiful; good water, for a battn., from 2 wells close to C-G., which is near town; country well cultivated; road as above. |
| | | MINCHINABAD 1,600 x 400 yds. p-o. b. | 10 | 84½ | A town; supplies procurable; plentiful good water from a well, and (for animals) from a tank near C-G., which is marked by pillars; country and road as above. |
| | | CHAKUKA . . . 1,400 x 800 yds. | 10 | 94½ | A village; supplies procurable; plentiful good water from 3 wells on C-G., which is marked by pillars, 150 yds. E. of village; country as above; road fair; pass Bahawalgarh at 5 m. |
| | | JHULAN . . . 64,000 sq. yds. | 10 | 104½ | A village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., which is marked by pillars, S. of village; country partly cultivated; road unmetalled and sandy, but passable for all arms. |
| | | SADIKPUR . . . 16,420 sq. yds. p-o. | 13½ | 117½ | A town; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., which is marked by pillars, close to village; country and road as above. |
| Bahawalpur Territory. | Political Agent at Bahawalpur. | MAHITTA JHEDU 615 x 240 yds. b. | 13½ | 131½ | A small town; supplies procurable; plentiful good water from 4 wells in vicinity of C-G., which is marked by pillars, S-W. of town; country and road as above; pass Atkin Shah at 6 m. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|-----------------------|--------------------------------|---|----------|--------|--|
| Military. | Civil. | | Miles | Total. | |
| Bahawalpur Territory. | Political Agent at Bahawalpur. | SHAH FARID 480 x 800 yds. p-o | 9 | 140½ | A town; supplies procurable; plentiful good water from 8 wells, and (for animals) from a canal close to C-G, which is N-W. of and near town; country more open and cultivated; road as before. |
| | | HASILPUR 300 x 180 yds. p-o. | 13 | 153½ | A town; supplies procurable, plentiful good water from wells in vicinity of C-G, which is ½ m. W. of town; country and road as above. |
| | | KAIMPUR 540 x 800 yds. p o b | 8 | 161½ | A village with old fort; supplies procurable; plentiful good water from 8 wells, and (for animals) from small canals near C-G, which is ½ m. N. of village; country and road as before. |
| | | KHAIRPUR 170 x 140 yds. p-o. b. | 12½ | 174 | A large town; supplies procurable; plentiful good water from 4 wells in vicinity of C-G, which is about 1 m. from town; country and road as above. |
| | | BRIDGE No. I b | 17 | 191 | Ample site for C-G; supplies procurable; plentiful good water from wells; country open and cultivated; road as before, pass Goth Nur Muhammad at 12½ m. |
| | | BAHAWALPUR | 20½ | 211½ | See Route 122. |
| | | Total marches, 17 = 211½ m. | | | Country well cultivated; road narrow and little used, till the last 4 m, when it widens and is bordered with trees. |
| | | or from KHAIRPUR to GOTH NUR MUHAMMAD. | 12½ | 180½ | A small village; supplies abundant; plentiful good water from many wells in vicinity of village, any area of C-G. available on due notice; country sparsely cultivated; road unmetalled, but good. |
| | | GOTH DERA BAKHA (BAKHI DERA). | 11½ | 198 | A small village; supplies procurable; plentiful good water from numerous wells in vicinity of village; C-G. available on notice, country and road as above; water-cuts bridged. |
| | | BAHAWALPUR | 13½ | 211½ | See description above. |
| | | Total marches, 18 = 211½ m. | | | |

Route No. 255.

FROM FEROZEPUR TO BIKANER as far as USMAN KHERA (for remainder, see Bombay Route Book No. 189).

and FAZILKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--------------------------------------|---|---|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. C. Lahore District, Mean Meer. | Deputy Commissioner of Ferozepore, Ferozepore. | NAWA KILLA | 10½ | 10½ | See Route 254. |
| | | MOHANKI | 12½ | 23 | |
| | | BAGGEKA | 13 | 36 | |
| | | FAZILKA | 16 | 61 | |
| | | JANDWALA | 14 | 65 | A village; supplies plentiful; good water from a well close to village, in vicinity of which is ample site for C-G.; country open; road unmetalled. |
| | | USMAN KHERA b. | 14 | 79 | A village and police stn.; supplies plentiful; good water from a well near village, in vicinity of which is ample site for C-G.; country and road as above. |
| | | Total marches, 6 = 79 m. | | | |

Route No. 256.

FROM FEROZEPUR TO HISSAR.

via BHADHAUR, SUNAM, AND BARWALA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--------------------------------------|---|---|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. C. Lahore District, Mean Meer. | Deputy Commissioner of Ferozepore, Ferozepore. | From the Church to MIRSIWALA | 10 | 10 | A small village; supplies must be collected; plentiful good water from wells close to C-G, site for which is near village, country rather barren, road unmetalled, but fairly good; pass Malwal at 6 m. |
| | | MOODKEE 182,980 sq. yds p-o | 6½ | 16½ | A small town with a sand; supplies on notice; plentiful good water from wells close to C-G, which is near town, country and road as in last stage, pass Siranwala at 8½ and Lohm at 6½ m. |
| | | BAGHAPARANA 10,860 sq. yds p-o. | 14 | 30½ | A large village with a sarai; supplies on notice; plentiful good water from 2 wells in village and police stn., near which is site for C-G., country and road as above; pass Langhina at 9 and Alamuwal at 18 m. |
| | | NHAISINGHWALA p-o. b. | 13 | 43½ | A small village; supplies procurable; good but limited water from a well on small C-G, which is near village; country level, open and partially cultivated; road as above, pass Nathoki at 3, Manuki at 7, and Khoti at 9½ m. |
| | | | | | |

| ATTENTION. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Chief Secretary to Punjab Government. | BIHADHAUR P.O. | 8½ | 54½ | A town in Patiala state; supplies on notice, and grazing for camels; plentiful good water from 4 wells close by town, round which is site for C.G.; country and road as above; pass Baholdi at 6 m.; an irrigation channel of the Sirhind canal (bridged) passes close to camp. |
| | | UGAIKI . . . | 6½ | 63 | A village in Patiala state; supplies and fodder on notice; plentiful good water from wells near village, in addition to water from canal; site for C.G. in fields near village; country level and open, without much cultivation; road as before; pass Nainiwala at 4 and Burj at 6 m. Tapa r.s. is 6 m. distant. |
| | | HADIYA . . . | 7 | 70 | A village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from wells near village, close to which is site for C.G.; country sandy, with partial cultivation; road as above; cross a small stream (bridged) en route; pass Khaddi Katan at 6 m. Barnala r.s. is 3 m. distant. |
| | | LANGAWAL . . . | 13½ | 83½ | A village in Patiala state; supplies and fodder procurable on notice; grazing for camels close by; plentiful good water from wells in village, near which and in fields is site for C.G.; country as above; road, an unmetalled, <i>kutcha</i> village track, from 12 to 20 ft. broad; pass Dhananla (p-o) at 6, and Bhura Khabha at 10 m. |
| | | SUNAM P.O. | 8½ | 91½ | A small town in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water from 5 wells near village, in fields close to which is site for C.G.; country and road as above, but latter only 9 to 12 ft. wide; at end of stage cross the Ghora stream, fordable except during the rains, when sufficient water collects in it to obstruct the passage of troops, lying as it does round the town; no boats are available. |
| | | JALLORE . . . | 15 | 106½ | A village in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water, from wells near village, close to which is site for C.G.; country fairly cultivated; road as above; pass Chahar at 0 and Kanheri at 12 m. |
| | | MANWI . . . | 9½ | 116½ | A small village in Patiala state, near left bank of the Ghaggar R.; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 6 wells near village and from the river during the rains; site for C.G. in fields in vicinity of village; country flat and jungly, subject to inundation near the Ghaggar; there is no proper road, but a route about 27 ft. broad can be cleared and prepared; pass Dalgan at 4, Buxhara at 7 m., and cross the Ghaggar at end of stage, by ford in dry season, by ferry, carrying 10 men, in rains, when the river reaches a breadth of 4 m. |
| | | DHAMLAN . . . | 7½ | 123½ | A small village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 10 wells near village, in vicinity of which is site for C.G.; country as above; road a <i>kutcha</i> country track, 15 ft. to 25 ft. broad; pass Bhallan at 3½ m. |
| | | DANAUDA . . . | 12½ | 136½ | A small village in Patiala state; supplies and fodder on notice; well water unfit for use, but plentiful good water from the Ramgar tank near village, in vicinity of which is site for C.G.; country level and jungly, with little cultivation; road as above; pass Nehra, about 7 m. E. of which is Narwana (p-o), at 6 m. |
| | | BARWALA 15,970 sq. yds. p-o. | 14 | 150½ | A village; supplies procurable; plentiful good water from a well and tank on C.G., which is 10 yds. N. of village; country level and fairly cultivated; road 20 ft. wide, unmetalled, sandy and heavy in places, but passable for all arms; pass Madhla at 8 and Surana at 11 m. |
| G. O. C. Sirhind District, Umballa. | Chief Secretary to Punjab Government. | HISSAR . . . | 17½ | 168 | See Route 101. |
| | | Total marches, 15 = 168 m. | | | Country as above; road as before, except the last 4 m., which are metalled; pass Sarawal at 5½ and Talaundi at 13 m. |

Route No. 256(a).
FROM FERROZPORE TO HISSAR.
 via BIHADHAUR, SUNAM, JHIND, AND HANSEI.

| ATTENTION. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meerut, Meer. | Chief Secretary to Punjab Government. | MISRIWALA . . . | 10 | 10 | See Route 256. |
| | | MOODKEE . . . | 9½ | 10½ | |
| | | DAGHAPARANA . . . | 14 | 24½ | |
| | | SIHAISINGHWALA . . . | 13 | 40½ | |
| | | BIHADHAUR . . . | 8½ | 54½ | |
| | | UGAIKI . . . | 6½ | 63 | |
| | | HADIYA . . . | 7 | 70 | |
| | | LANGAWAL . . . | 13½ | 83½ | |
| | | SUNAM . . . | 8½ | 91½ | |
| | | JALLORE . . . | 15 | 106½ | |
| G. O. C. Sirhind District, Umballa. | Chief Secretary to Punjab Government. | MANWI . . . | 9½ | 116½ | |
| | | DHAMLAN . . . | 7½ | 123½ | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Strided District, Umballa. | Chief Secretary to Punjab Government. Deputy Commissioner of Hissar, Hissar. | NARWANA | 0½ | 188½ | A village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is in fields near village, country fairly cultivated; road as in previous stage; pass Laon at 8 and Dharauli at 6 m. |
| | | BARAODA | 18 | 146½ | A town; supplies and fodder on notice; plentiful good water from wells and the canal near C-G, which is close to the Kanhawala gate of the town; country as before; road unmetalled but bridged and good; pass Kheri Safa at 7½ m. |
| | | JHIND | 11 | 157½ | A large town on left bank of the Western Jumna canal; supplies abundant; plentiful good water from wells and the canal near C-G, which is S. of and close to town; country and road as before; cross the canal at end of stage. |
| | | NARNAUD | 18 | 170½ | A small town; supplies on notice; plentiful good water from a well and tank near C-G, site for which is close to town; country flat, open and partially cultivated; road 20 ft. wide, unmetalled, but bridged and passable for all arms; cross the canal on starting, pass Dulu Trust at 8½, cross the canal again at 5 and 9, and pass Rajhal at 9½ m. |
| | | HANSI | 14½ | 184½ | Country and road as above; pass Rajpura at 5 m. and cross the Western Jumna canal near end of stage. See Route 191. |
| | | HISSAR | 14½ | 199½ | |
| | | Total marches, 18 = 109½ m. | | | |

Route No. 257.
FROM FEROPPORE TO MONTGOMERY.
via ATARI, SHERGARH, AND SATGHARA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Lahore, Lahore. Deputy Commissioner of Montgomery, Montgomery. | GANDA SINGH-WALA | 10½ | 10½ | See Route 47. |
| | | DOBURJI | 18½ | 28½ | A village near right bank of the Sutlej; supplies on notice; plentiful good water from numerous wells in vicinity of C-G, site for which is close to village; country well cultivated; road, 40 ft. wide, unmetalled after the first 6½ m. and impassable for wheeled traffic, having been washed away by inundation from the river; pass Thuti Faria at 10 m. |
| | | MOKUL | 18½ | 37½ | A moderate-sized village; supplies on notice; plentiful good water from several wells near C-G, site for which is close to village; country as before; road as above, it has been washed away for the first 5 m. and is all subject to inundation; cross the Kanwah canal (bridged) at 8½ m. |
| | | ATARI | 16 | 53½ | A large village; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is near village; country level; road unmetalled, but good. |
| | | HUJRA | 16 | 69½ | A small town; supplies on notice; plentiful good water from wells close by C-G, site for which is in vicinity of village; country as before; road 20 ft. wide, unmetalled, but passable for all arms. |
| | | SHERGARH | 8 | 77½ | A large village; supplies on notice; plentiful good water from wells in vicinity of village, near which is site for C-G; country and road as before; pass Hanawala at 5 m. |
| | | SATGHARA | 14½ | 91½ | A small town; supplies on notice; plentiful good water from wells near C-G, confined site for which is close to same; country covered with jungle; road as before; pass Kakuno at 7½ m. and cross the ry. immediately afterwards. |
| | | AKBAR | 13 | 104½ | A small village; supplies on notice; plentiful good water from a well near C-G, which is 3 m. S. of village; country and road as before, but latter heavy in places; cross the Sukhrana, a broad dry nullah, about half-way and join the road from Mocan Meer towards end of stage. |
| | | KAURA SHAH | 10 | 114½ | A small village; supplies on notice; good but limited water from a well near police post, close to which and E. of road is C-G; country and road as before; nullahs fordable. |
| | | MONTGOMERY | 10 | 124½ | A small town and civil stn. on the 'N.-W. Ry.; supplies on notice; plentiful good water from wells in vicinity of C-G, which is S. of same; country and road as before. |
| | | Total marches, 10 = 124½ m. | | | |

Route No. 258.
FROM FEROPPORE TO MOOLTAN.
via GRUNIAN, SATGHARA, AND HARAPPA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Lahore, Lahore. | GANDA SINGH-WALA | 10½ | 10½ | NOTE.—This Route is preferable for the following reasons:— (i) It is the most direct; (ii) It has no better opportunities; (iii) C-Gs. are fixed and demarcated. See Route 47. |

| ACTIVITIES. | | Names of places and dist. of connecting roads. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Dy. Commr. of Lahore, Lahore. | TARAGARI . . . | 10 | 20½ | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., confined site for which is near village; country level, open and well cultivated, road unmetalled, but good and passable for all arms, follows the bank of the Sutlej for about 1½ m. after starting. |
| | | RAJOWAL . . . 40,800 sq. yds. | 10½ | 31 | A village; supplies on notice; plentiful good water from a well near C-G., which is close to village; country sandy; road as above. |
| | | CHUNIAN . . . 178,400 sq. yds. p-o. r-s. | 13½ | 44½ | A town; supplies abundant; plentiful good, but slightly brackish, water from a well on, and (for animals) from a tank S-E. of C-G., which is ½ m. N-W. of town; country and road as in last stage; cross the old bed of the Beas at end of stage. |
| | | WANRAJHARAM . . . 121,410 sq. yds. p-o. r-s. | 14½ | 59 | A village; supplies on notice; good but slightly brackish water from a well in r-s., near which is C-G.; country covered with light jungle, and rich grass in rains; road as above; cross a canal at 0 m. |
| | | SATHARA . . . | 15 | 74 | Country jungle; road as above. See Route 257. |
| | | AKBAE . . . | 13 | 87 | |
| | | KAURA SHAH . . . | 10 | 97 | |
| | Dy. Commr. of Montgomery, Montgomery. | MUHAMMADPUR . . . 600 x 400 yds. | 9 | 106 | A village; supplies on notice; plentiful good water from a well on C-G., which is 2 m. S. of village; country and road as above. |
| | | HARAPPA . . . 600 x 500 yds. p-o. r-s. l. | 11 | 117 | A town; supplies on notice; plentiful good water from 2 wells, one near sarai, the other on C-G., which is S. of road and opposite town; country and road as above. |
| | | CHICHAWATNI . . . 400 x 330 yds. p-o. r-s. b. | 13 | 130 | A small village on the Ravi; supplies on notice; plentiful good water from a well near police stn., S. of and close to which is C-G.; country and road as above; the bridge-of-boats on the Ravi is 1 m. distant. |
| | | DORULI . . . 401 x 400 yds. | 13 | 143 | A small village; supplies on notice; good water from a well on C-G., which is S. of and close to village; no other water near; country and road as above. |
| | | TALANDA . . . 178,000 sq. yds. p-o. l. | 16½ | 159½ | A small town; supplies and good water plentiful; C-G. N. of road and close to town; country near the Ravi well cultivated; road as above. |
| | | MAKHUMPUR . . . 233,600 sq. yds. b. | 12½ | 170½ | A village; supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above. |
| | | KABIRWALA . . . 151,700 sq. yds. p-o. b. | 12 | 182½ | A village; forage and supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above. Khanewal r-s. is 7 m. distant. |
| | | KADARPUR RAO . . . 113,500 sq. yds. | 14 | 196½ | A small village; forage and supplies on notice; plentiful good water from wells close by C-G., which is N. of road and near village; country and road as above. Tatipur r-s. is 4 m. distant. |
| | | AMKHA . . . 148,100 sq. yds. b. | 12 | 208½ | A village with sarai for Europeans; supplies on notice; abundant good water close by C-G., which is S. of road and near village; country and road as above; canals are bridged. |
| | | MOOLTAN . . . 120,000 sq. yds. p-o. l-s. r-s. l. | 4 | 212½ | A large cantonment and civil stn., situated 4 m. E. of the Chenab R.; supplies and good water abundant, latter in vicinity; C-G. in rear of artillery barracks bank of the S.W. Horns Cut; country and road as above. For a road from Mooltan to Nadiabad, see Bombay Route Book No. 219. |
| | Deputy Commissioners of Moeltan, Moeltan. | Total marches, 18 = 212½ m. | | | |

Route No. 258(a).
FROM FERROZPORE TO MOOLTAN.
via FAZILKA, PAKPATTAN, AND HARAPPA.

| ACTIVITIES. | | Names of places and dist. of connecting roads. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Dy. Commr. of Ferozpoor, Ferozpoor. | NAWA KILLA . . . | 10½ | 10½ | See Route 254. |
| | | MOHANKI . . . | 12½ | 23 | |
| | | BAGGEKA . . . | 12 | 35 | |
| | | FAZILKA . . . | 16 | 51 | |
| | | AMIRA TIJAKA . . . | 10 | 61 | |
| | Deputy Commissioners of Montgomery, Montgomery. | HAVELI . . . p-o. | 14 | 75 | A large village about 2 m. N. of road; supplies on notice; plentiful good water from wells close to village; site for C-G. where the Haveli and Shekhpura roads cross; country partly cultivated; road as before. |
| | | FAHIDKOT . . . | 10 | 85 | A small village; supplies on notice; good water from a roadside well, close to which is site for C-G., and also from other wells in vicinity; country and road as before. |
| | | PAKPATTAN . . . p-o. l-s. b. | 12 | 97 | A town on an elevation; supplies on notice; good water from a well near police stn.; site for C-G. between hospital and tahsil; country and road as before. |
| | | SHAFFI . . . | 11 | 109 | A small village; supplies on notice; good water from wells near village, close to which is site for C-G.; country and road as before; leaving the police stn. on starting, the road runs N. to the town, then strikes off almost due W. |
| | | | | | |

| AUTHORITY. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS |
|---------------------------------------|------------------------------------|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Montgomery, Mooltan. | KABIR b. | 11 | 118 | A small village; supplies on notice; good water from 2 wells near village; site for C.G. close to police str; country barren and jungle; road as before, except on the banks of the old Beas where it is bad. Country as above, road unmetalled, but good, runs N-W. through jungle, and crosses the N-W. Ry. 4 m. from Harappa. See Route 258. |
| | | HARAPPA . | 18 | 137 | |
| | | CHICHAWATNI . | 13 | 160 | |
| | | DOBURJI . | 13 | 163 | |
| | | TALAMBA . | 15½ | 178½ | |
| | | MAKH DUMPUR . | 12½ | 190½ | |
| | | KABIRWALA . | 12 | 202½ | |
| | | KADARPUR BAO . | 14 | 216½ | |
| | | AMKHAAS . | 12 | 228½ | |
| | | MOOLTAN . | 4 | 232½ | |
| | | Total marches, 10 = 232½ m. | | | |

Route No. 258(b).
FROM FEROZEPUR TO MOOLTAN.
via FAZILKA, PAKPATTAN, AND JAMLAIRA.

| AUTHORITY. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS |
|---------------------------------------|------------------------------------|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Montgomery, Mooltan. | NAWA KILLA . | 10½ | 10½ | See Route 254. |
| | | MOHANKI . | 12½ | 23 | |
| | | BAGGEKA . | 12 | 35 | |
| | | FAZILKA . | 16 | 51 | |
| | | ANIRA TIJAKA . | 10 | 61 | See Route 258(a) |
| | | HAYELI . | 14 | 75 | |
| | | PARIDKOT . | 10 | 85 | |
| | | PAKPATTAN . | 13 | 97 | |
| | | MARIHAZARA . | 18 | 116 | A village 1 m N. of road; supplies on notice; good but limited water from a few scattered wells, site for C.G. N. of village; country partially cultivated; road good, but unmetalled and liable to become flooded in several places, when the Sutlej is high, especially so towards end of stage. |
| | | JAMLAIRA . | 18 | 133 | |
| | | GAHNIKA . | 9 | 142 | A large village S. of road on right bank of the Sutlej; supplies on notice; plentiful good water from wells in vicinity and from the river; site for C.G. S. of village; country and road as before. |
| | | LUDDAN . | 14 | 156 | |
| | | ZORKOT (near Kur-rumpu) . | 14 | 170 | A small village; supplies on notice, but forage scarce; good water from a well about 60 yds. from small C.G., which is S. of road and near village; country and road as above; cross the Ghulamwah nullah (bridged) at 5 m. |
| | | MITRU . | 16 | 186 | |
| | | TIBBA . | 11½ | 197½ | A village; supplies procurable; abundant good water from wells near C.G., which is S. of road and close to village; country well cultivated; road as above. |
| | | MAKH DUM RASHID . | 14 | 211½ | |
| | | MOOLTAN . | 16 | 227½ | A small village; supplies procurable; good water from Banglewala well about 70 yds. from C.G., site for which is N. of road and near village; country more cultivated; road as above. |
| | | Total marches, 17 = 227½ m. | | | |

See Route 258.
Country and road as in last stage

FROM **Route No. 258(c).**
FERROZPORE TO MOOLTAN.
via ATARI AND PAKPATTAN.

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| AUTHORITIES. | | Names of stages and size of encamping grounds, and size of grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. Deputy Commissioner of Montgomery. Deputy Commissioner of Mooltan. | Dr. Commr. of Lahore. Deputy Commissioner of Mooltan. | GANDI WALA SINGH-WALA. | 10½ | 10½ | See Route 47. |
| | | DOBURJI . . . | 18½ | 28½ | See Route 257. |
| | | MOKUL . . . | 18½ | 37½ | |
| | | ATARI . . . | 16 | 53½ | Country partially cultivated; road unmetalled, but fair |
| | | AMIRA TIJAKA . . . | 10 | 63½ | |
| | | HAVELI . . . | 14 | 77½ | See Route 258(a). |
| | | FARIDKOT . . . | 10 | 87½ | |
| | | PAKPATTAN . . . | 12 | 99½ | |
| | | MARIHAZARA . . . | 18 | 117½ | |
| | | JAMLAIRA . . . | 18 | 135½ | |
| | | GAHNIKA . . . | 9 | 144½ | |
| | | LUDDAN . . . | 14 | 158½ | |
| | | ZORKOT (near Kurrampur). . . | 14 | 172½ | |
| | | MITRU . . . | 16 | 188½ | See Route 258(b). |
| | | TIBBA . . . | 11½ | 199½ | |
| | | MAKHIDUM RASHID. | 14 | 213½ | |
| | | MOOLTAN . . . | 16 | 229½ | |
| | | Total marches, 17 = 229½ m. | | | For other remarks, see Route 257. |

Route No. 259.
FROM FERROZPORE TO RAEWIND RAILWAY STATION.
via KASUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Deputy Commissioner of Lahore, Lahore. | GANDA SINGH- WALA. | 10½ | 10½ | See Route 47. |
| | | KASUR 328,680 sq. yds. p-o. r-s. b. | 6½ | 17½ | A large town; supplies abundant; plentiful good water from a well on C-G., which is about 1 m. from town close to police stn.; country fairly cultivated; road metalled and bridged, suitable for all arms. |
| | | BUKHANWALA 110,170 sq. yds. p-o. r-s. | 10½ | 27½ | A village; supplies on notice; plentiful good water from a well in village, and brackish water from a well on C-G., which is about ½ m. from village; country and road as above. |
| | | RAEWIND RY. STN. 630 x 370 yds. p-o. b. | 8 | 35½ | A village ½ m. from r-s.; supplies on notice; plentiful but brackish water from wells in vicinity of and on C-G., which is near r-s.; country and road as before; pass Rajajang at 5 m. |
| | | Total marches, 4 = 35½ m. | | | |

Route No. 260.
FROM FERROZPORE TO ROHTAK.
via BHADHAUR, SUNAM, AND JHIND.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. Dr. Commr. of Ferozepore. | Dr. Commr. of Ferozepore. | MISRIWALA . . . | 10 | 10 | See Route 256. |
| | | MOODKEE . . . | 9½ | 19½ | |
| | | BAGHAPARANA . . . | 14 | 33½ | |
| | | NIHALSINGH-WALA . . . | 13 | 46½ | |

Route No. 262(a).
FROM FORT WILLIAM TO BANKURA.
via JAHANABAD AND BISHNUPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Hooghly, Hooghly. | OHANDITALA p-o. | 18 | 18 | NOTE.—This route is seldom used and that old Bardwan is much better, though longer. A small village; supplies scarce; abundant good water from tanks on roadside and from the Susati stream, S. of which and in fields S.E. of village is site for C-G, country flat and highly cultivated; road metalled, but bridged with wooden bridges, which are unsuitable for artillery. |
| | | SHEAKHALLA . | 8½ | 21½ |  | A small village; supplies procurable; indifferent limited water from tanks, between village and C-G, small site for which is on S. side of hazy country as above, road 18 ft. wide, unmetalled, and bridged as before; pass Khatrapur at 3½ and Okucha at 6 m.; there is another road (unmetalled) from Fort William, which makes the following stages:— Dhamjur . . . . . 11 m. Jagatbillaibpur (p-o) . . . . . 8 " Sheakhalla . . . . . 10 " TOTAL . . . . . 30 m. |
| | | PAHARPUR . | 10½ | 32 | A village; supplies on notice; plentiful good water from tanks near village, and from a stream about 1 m. N. of C-G, site for which is E. of village, in fields on both sides of the road; country, nullahs and road as before, but last impassable in rains; pass Kujaria at 3½ and cross the Kana stream (wooden bridge unsuitable for guns) at 6 m. |
| | | PURSURAH . | 5 | 37 | A village on right bank of the Damoda R.; supplies on notice; good water from the river, extensive site for C-G, near village; country and road as before; cross the Damoda at end of stage, by ferry of 2 boats carrying 40 men each. |
| | | JAHANABAD p-o. | 12 | 49 | A town and hd-qrs of civil sub-division; supplies on notice; abundant good water from tanks, wells and from the Darkasi R., on bank of which is small site for C-G; country and road as above, first 6 m. of latter often flooded; pass Dhe Birah at 9 m. |
| | Collector of Bankura, Bankura. | MODINA . | 8 | 57 | A small village; supplies on notice; abundant good water from a tank on N.E. side of C-G, site for which is on high land round village; country and road as before; cross the Darkasi on starting, by ford in dry season, by ferry carrying 50 men in rains. |
| | | KOTALPUR 18,500 sq. yds. p-o | 8 | 65 | A village; supplies on notice; plentiful good water from tanks on C-G, site for which is on high shady land 400 yds N. of village; country and road as above; pass Khatul at 3 m. |
| | | JAIPUR . | 10 | 75 | A small village; supplies scarce; abundant fair water from a large tank N.E. of small C-G, which is S. of road and near village; country low and cultivated; road unmetalled for the first ½ m., thence metalled, but bridged throughout with wooden bridges, which are unsuitable for artillery. |
| | | BISHNUPUR . | 8 | 81 | Country partially covered with jungle; road as in latter part of last stage. See Route 82. |
| | | ONDA . | 8½ | 92½ | |
| | | BANKURA . | 11½ | 104 | For other remarks, see Route 105. |
| | | Total marches, 11 = 104 m. | | | |

Route No. 263.
FROM FORT WILLIAM TO JESSORE.
via DUM-DUM AND BARASAT.

| AUTHORITIES. | | No. new of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | | |
|---|---|--|-----------|--------|---|--|--|
| Military. | Civil. | | Miles. | Total. | | | |
| G. O. C. Presidency District, Fort William. | Colr. of Nadia, Krishnagar, Barasat, Jessore. | DUM-DUM 20,000 sq. yds. p-o. t.s. r.s. | 8 | 8 | A small cantonment; supplies plentiful; unlimited filtered water from pumps close by C-G., which is near rifle ranges; country level and well cultivated; road metalled, bridged, and suitable for all arms; cross the road to Gaurhati Ghat at 4½ m. | | |
| | | BARASAT | 7 | 15 | | Country low and liable to inundation; road as above; pass Baharia at 4½ m. | |
| | | SHAREPUR | 13 | 28 | See Route 84 | | |
| | | GAIGHATA | 10½ | 38½ | | | |
| | | JOYNTIPUR | 14 | 62½ | | | |
| | | JADADPUR | 8 | 60½ | | | |
| | | JHINKARGACHA | 7½ | 68 | | | |
| | | JESSORE | 9 | 77 | | | |
| | | Total marches, 8 = 77 m. | | | | | |

Route No. 264.
FROM FORT WILLIAM TO KRISHNAGAR.
via DUM-DUM, BARASAT AND RANAGHAT.

169

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of 24 Parganas, Alipore. | DUM-DUM . . . | 8 | 8 | See Route 263. For other remarks see Route 61. |
| | | BARASAT . . . | 7 | 15 | |
| | | AMDANGA . . . | 7 | 22 | |
| | Collector of Nadia, Krishnagar. | JAGULI p-o. | 8½ | 30½ | A large village; supplies must be collected; abundant good water from tanks in village, S. of which is extensive site for C-G.; country and road as in last stage; pass Adhata at 4, and cross the Arkhali Khali (strongly bridged) at 5 m. |
| | | GOREPARA . . . | 10 | 40½ | A small village; supplies on notice; abundant water, indifferent in the dry season, from a tank 600 yds. S. of C-G., extensive site for which is on both sides of village; country as above; road 80 ft. wide, unmetalled, but raised, bridged and suitable for all arms; cross the Jabana in 4th m. Chakdaha r-s. is 1½ m. distant. |
| | | RANAGHAT . p-o. l-s. r-s. b. | 8 | 48½ | A small town; supplies abundant; good water from the Metabhanga or Churni R., on the banks of which is extensive site for C-G.; country and road as above; cross E. B. S. Ry. at 7 and the Churni, by ferry (3 boats carrying 20 men each) at 7½ m. |
| | | BADEKULLA . 860 x 800 yds. p-o. | 9 | 57½ | A village; supplies on notice; water, sometimes indifferent, from the Sibdaka (a branch of the Churni), on bank of which and opposite market place is C-G.; country and road as above, but latter very heavy in the rains; cross a causeway in 2nd m. (under water in high flood, when a boat, carrying 18 men, plies) and the Sibdaka (bridged) at end of stage. |
| | | KRISHNAGAR . . . | 8½ | 66½ | See Route 131. Country and road as above; pass Jogipara at 5 m. |
| | | Total marches, 8 = | | | |
| | | 65½ m. | | | |

Route No. 265.
FROM FORT WILLIAM TO MIDNAPORE.
via BAGNAN AND PANCHKURA.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of 24 Parganas, Alipore. | BUDGE BUDGE . p-o. l-s. r-s. | 13 | 13 | A small village on left bank of the Hooghly and terminus of the ry.; supplies must be collected; water from the river, and a tank on C-G., extensive site for which is on roadside near village; country low, level and cultivated; road metalled and fit for all arms. |
| | | BAGNAN . . . | 13 | 26 | A village; supplies on notice; good water, for a bath, from 2 tanks close to C-G., site for which is in fields in vicinity of village; country and road as above; cross the Charal Khali on starting, the Pujali Khali at 3 (both strongly bridged), the Hooghly at 4 (by ferry, and pass Ulubaria immediately afterwards) and the Damodar R. at 11 m. by a ferry carrying 25 men. |
| | | KOLA . . . | 6 | 32 | A village on right bank of the Rupnarayan; supplies on notice; good water, for a bath, from 2 tanks, one near p-o., the other near b. ½ m. S. of C-G., extensive site for which is in fields N. of road and W. of village; country and road as before; pass Madaria at 2, Nowpalla at 5½ m., and cross the Rupnarayan R. at end of march by ferry, 2 large and 2 small boats. |
| | Collector of Midnapore, Midnapore. | PANCHKURA . p-o. l-s. b. | 11 | 43 | A small village on both banks of the Kossai R.; supplies on notice; good water from the river, close to which, in fields on both sides of road and E. of village, are extensive sites for C-G.; country and road as before; pass Sirda at 6½, Narandah at 9 m., and cross the Kossai R. at end of stage, by ferry, 2 large and 2 small boats. |
| | | DEBRA . . . | 9½ | 52½ | A village; supplies on notice; plentiful but very indifferent water from 2 large tanks on small C-G., which is N. of road and near b.; country as above; road metalled and bridged, fit for artillery; pass Mangolduri at 2 and Dulipukur at 8 m. |
| | | MUNIBGARH . 40,000 sq. yds. | 9 | 61½ | A small village on right bank of the Kossai R.; supplies on notice; good water from the river; C-G. in fields N. of road; country and road as before; pass Paluguria at 6½ m. |
| | | MIDNAPORE . . . | 7 | 68½ | See Route 82. Country and road as before; cross the Kossai R. on starting, by ford in dry season, by ferry, carrying 60 men, in rains, and pass Kasapur at 4 m. |
| | | Total marches, 7 = | | | |
| | | 68½ m. | | | |

Route No. 266.
FROM FORT WILLIAM TO PESHAWAR.
via THE GRAND TRUNK ROAD.

| ACQUISITION. | | Name of village and size of encompassing grounds. | DISTANCE. | | REMARKS. | |
|--|--|---|--|--|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Presidency District, Fort William. | Collector of 24 Parganas. | KOTRUNG | 9½ | 9½ | A village; supplies on notice; good water from tanks and from the Hooghly R. on the right bank of which and in fields is extensive site for C-G; country level and cultivated; road metalled and bridged, suitable for all animals; cross the Hooghly at 2, by the Howrah bridge, and pass through Ballygunge (p-o-t-s) at 7 m. | |
| | | GAURHATI p-o. b. | 10½ | 20 | A village on right bank of the Hooghly; supplies plentiful; good water from the river and from a well on C-G, small site for which is near village; country and road as before; pass Borampore (p-o) at 5 and Baidyabati at 8 m. Another route to Gaurhati from Fort William runs via Barrackpore, in which the Hooghly must be crossed at Fulla Ghat by ferry. | |
| | | HOOGHLY 100 x 150 yds. p-o-t-s-r-s. | 8½ | 28½ | A civil station; supplies abundant; good water from the Hooghly, on right bank of which and close to circuit house is site for C-G; country and road as before; pass Chandernagore (a French Settlement) at 4½ and Chinsura (p-o-t-s) at 6 m. | |
| | | DIGSUI (TARAGANI). p-o. | 8 | 80½ | A village; supplies on notice; good water, for a bath, from a well on C-G, small site for which is W. of road and close to village; country and road as before; pass Magra (r-s) at 6 m. | |
| | Collector of Hooghly, Hooghly. | GOARA | 11½ | 46½ | A village; supplies abundant; plentiful good water from a well on C-G, small site for which is W. of ry. line and near village; country and road as above; pass Kharyan (r-s) at 3½ and Pandua (r-s) at 7½ m. | |
| | | DULLA BAZAR 50,000 sq. yds. | 14 | 62½ | A small village; supplies on notice; good water, for a bath, from 2 wells on C-G, which is near village; country and road as above; pass Mezari r-s. at 9 m. | |
| | | BURDWAN 21,240 sq. yds. p-o-t-s-r-s. | 12½ | 74½ | A civil station; supplies abundant; plentiful good water from the water-works, standards close to C-G, which is N.E. of the town and near r-s; country and road as before; cross the Banks stream at 1½ m. | |
| | | SARUL 35,930 sq. yds. b. | 11½ | 69½ | A small village; supplies on notice; good but limited water from 2 wells on C-G, which is 1 m. N.E. of village; country and road as above; pass Sanku at 8½ m. | |
| | | BUD-BUD 50,040 sq. yds. p-o. b. | 12 | 98½ | A small village; supplies on notice; plentiful good water from 2 wells on, and a tank near C-G, which is N.E. of, and close to village; country and road as before; pass Galsi (r-s) at 1½ and Golgram at 4 m. | |
| | | GOPALPUR 210 x 140 yds. p-o | 11½ | 109½ | A small village; supplies on notice; plentiful good water from 2 wells on, and a tank near C-G, which is 1½ m. S. of village; country and road as in last stage; pass Panagar r-s. at 7 m. | |
| | | ONDAL 54,200 sq. yds. p-o-r-s | 12 | 121½ | A small bazar; supplies on notice; plentiful good water from wells and tanks on C-G, which is W. of, and near village; country and road as above; pass Tarapur at 8 and cross the Tunda stream at 10 m. | |
| | | BOGRA 55,740 sq. yds. | 12 | 133½ | A small village; supplies on notice; plentiful good water from wells and a tank on C-G, which is S. of road and close to village; country and road as above. The town of Rangvij is ½ m. distant from Bogra, by a good metalled road. | |
| | | ASANBOL 141,160 sq. yds. p-o-t-s-r-s. | 0 | 180½ | A fair-sized town; supplies procurable; good water, for a bath, from a well on, and from a tank near C-G, which is W. of r-s; country and road as above; cross the Nouri Jore at 3 m. | |
| | | NIAMATPUR 95,970 sq. yds. | 0 | 145½ | A small village; supplies on notice; plentiful good water from 2 wells and a tank on C-G, which is N. of village; country and road as above. | |
| | | Sub-Divisional Officer of Gobindpur, Gobindpur. | NIJSA 440 x 200 yds. p-o-t-s | 12 | 157½ | A village; supplies on notice; plentiful good water from a well on C-G, which is close to police station; country undulating and fairly cultivated; road as before; cross the Barakar R. at 6 m. |
| | | | GOBINDPUR 81,100 sq. yds. p-o-t-s b. | 12½ | 170½ | A small town; supplies abundant; plentiful good water from a well and tank on C-G, which is N. of road and close to town; country fairly cultivated, one or two low hills appear on the left; road as before; pass Barua at 5 m. |
| | | | RAJGANJ 65,600 sq. yds. p-o. | 12 | 182½ | A village; supplies on notice; plentiful good water from a well and tank on C-G, which is close to police station; country and road as above. Katras r-s. is about 6 m. S. of the village, by a good gravelled road. |
| | | | TOPCHANCHI 420 x 240 yds. p-o b. | 0 | 101½ | A village; supplies on notice; plentiful good water from 2 wells on C-G, which is close to police station; country as above, but with high hills to the N.; road as before; pass Murhad at 6 m. |
| | | | DUMRI 100 x 160 yds. p-o. b. | 14 | 305½ | A small village; supplies on notice; plentiful good water from wells and tanks in vicinity of C-G, which is in a mango grove S. of road; country hilly; road as above; pass Mathphur at 6, Paramanth Hill about half-way and Rangmati at 12 m. From Dumri a metalled road (see Route 114 (a)) runs to Giridih r-s. |
| | | | BAGODAR 270 x 270 yds. p-o-t-s b. | 11½ | 217 | A village; supplies on notice; plentiful good water from wells in vicinity of C-G, which is E. of and close to town; country and road as above. Pass Bokhat 4½ m. A metalled road (see Route 114 (a)) runs from Bagodar to Hazaribagh. |
| ATKA 280 x 280 yds. b. | 7 | | 324 | A small village; supplies on notice; plentiful good water from wells in vicinity of U-G, which is N. of road and near village; country flat and sparsely cultivated; road as before. | | |
| BURKATA 390 x 260 yds. p-o. b. | 0 | | 339 | A village; supplies on notice; plentiful good water; C-G. S. of road and near village; country hilly and jungly; road as before; pass a low range of hills about half-way, easy ascents and descents. | | |
| Deputy Commissioner of Hazaribagh, Hazaribagh. | BARHI 336 x 300 yds. p-o-t-s b. | 10 | 340 | A large village; supplies procurable; plentiful good water from wells in vicinity of C-G, which is S. of road and close to village; country and road as above; pass Barot at 9 m. A road (see Route 114) runs from Barhi due S. to Hazaribagh. | | |
| | CHORPARAN 350 x 290 yds. p-o. b. | 12½ | 261½ | A small bazar; supplies on notice; good water, for a bath, from wells in vicinity of C-G, which is near bazar; country and road as in last stage; cross the Barakar R. at 3 and pass Kanabur at 8 m. | | |
| G. O. C. Alhabad District, Alhabad. | Collector of Gays, Gays. | BAUWA 100 x 80 yds. b. | 10 | 271½ | A small bazar on right bank of the Mohana; supplies on notice; good water from the river; C-G, enclosed and stony, adjoining the bazar; country hilly and covered with dense jungle; road as before, but cross the Danwa pass, ascent and descent easy; cross the Mohana R. at end of stage. | |

| AUTHORITIES. | | Names of stations and site of entomolog grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Collector of Gaya, Gaya. | | SARWA 200 x 160 yds. b. | 11 | 282½ | A small bazar; supplies must be collected; good water, for a battn., from a well ½ m. from C-G., which is S. of road and adjoining bazar; the water in the 3 wells on the ground itself is unfit for drinking; country covered with jungle; road as above; cross the Kokila stream at 8½ m. |
| | | SHERGHATI. 66,600 sq. yds. p-o. b. | 12½ | 295 | A large village, formerly a civil stn.; supplies on notice; good water from a well, and from the Murhar R. on the bank of which is C-G.; country and road as above, but latter level; cross the Madha stream on starting, the Lilajan at 4, the Barhya at 11 m., and the Murhar at end of stage. |
| | | MADANPUR. 230 x 300 yds. p-o. b. | 14½ | 309½ | A small village; supplies on notice; plentiful good water from 3 wells on and near C-G., which is 300 yds. S. of village; country as above, hilly towards end of march; road as before; pass Pindra at 6½ and Amas at 10 m. |
| | | AURANGABAD 300 x 120 yds. p-o. t-s. b. | 14 | 323½ | A small civil stn.; supplies on notice; good water, for a battn., from a well on C-G., which is close to civil stn.; country flat and uncultivated; road as before; pass Darbhanga at 7 and Ora at 11 m. From Aurangabad an unmetalled road (see Route 567) runs S. to Bijra. |
| | | BARUN 60,200 sq. yds. p-o. t-s. b. | 14 | 337½ | A small bazar on the right bank of the Sone; supplies on notice; good water from a well and from the river, ½ m. E. of which is C-G.; country and road as above; cross the Battani R. at 5 m., by causeway in dry weather, by ferry in rains; pass Siris at 9 m., and cross the Panpun stream (bridged, but bridge unsafe) immediately afterwards by a temporary wooden bridge 50 yds. lower down stream. |
| Collector of Shahabad, Arrah. | | DEHRI 220 x 170 yds. p-o. t-s. b. | 3 | 340½ | A village on the left bank of the Sone, important on account of the engineering works in connection with the Arrah and Buxar canals, which terminate here; supplies must be collected; plentiful good water from 4 wells on the ground, and (for animals) from the river, 800 yds. W. of which is C-G.; country and road as before; cross the Sone on starting, by causeway in dry weather, by ferry (3 boats carrying 60 men each) in the rains. |
| | | SASARAM 310 x 240 yds. p-o. t-s. b. | 12 | 352½ | A civil stn. and native town; supplies plentiful; abundant good water from wells on and (for animals) from the canal and a tank near C-G., which is ½ m. W. of town; country well cultivated; road as before; cross the W. Sone canal on starting and pass Karundiya at 6 m. |
| | | JEHANABAD 330 x 220 yds. p-o. b. | 16½ | 369 | A village; supplies on notice; good water, for a battn., from a well on C-G., which is 160 yds. N-W. of village; animals can be watered at the Durganti stream within 1 m. of village; country and road as before; pass the terminus of the Arrah and Buxar canals at 2, Tikari at 8½ and cross the Kodra stream at 12½ m. An unmetalled road runs from Jehanabad to Bhabhua (p-o. t-s.), distant 12 m. |
| | | MOHANIA 340 x 210 yds. p-o. b. | 13½ | 381½ | A small village; supplies on notice; good water, for a battn., from a well on, and (for animals) from a large tank 150 yds. W. of C-G., which is S-E. of and close to village; country and road as before; cross the Durganti stream at 10 m. |
| | | KHAJURA 200 x 200 yds. b. | 14 | 395½ | A small village on the right bank of the Karamnasa R.; supplies on notice; plentiful good water from 2 wells on C-G., which is 180 yds. W. of village and E. of the river, where animals may be watered; country and road as above; cross the Durganti at 7 and pass Kullariya at 11 m. A metalled road runs from Khajura to Zamania r-s., 11 m. distant. |
| Collector of Benares, Benares. | | JAGDIS-KI-SARAI 420 x 400 yds. | 11 | 406½ | A small village; supplies procurable; good water, for a battn., from a well on C-G., which is ½ m. E. of village; country and road as above; cross the Karamnasa R. on starting and pass Chandauli (p-o.) at 9 m. |
| | | JALILPUR 95,850 sq. yds. | 12 | 418½ | A small village; supplies on notice; good water, for a battn., from a well on, and from a tank S. of C-G., which is E. of and close to village; country and road as above; pass Mughalsarai at 6 m., whence an unmetalled road branches off to Chunar, distant 18½ m. (see Route 316). |
| | | BENARES 300 x 160 yds. p-o. t-s. r-s. b. | 6½ | 425 | A military cantonment, civil stn. and large native city, situated on the left bank of the Ganges; supplies abundant; plentiful good water from 2 wells on C-G., which is opposite the Native Infantry lines; country and road as above; cross the Ganges at 1½ m. by the Dufferin bridge, boats available. |
| | | RAJA-KA-TALAO 400 x 250 yds. b. | 10 | 435 | A small village; supplies on notice; good water, for a battn., from a well and tank on C-G., which is E. of and close to village; country and road as above. A road branches off here to Mirzapur, 17½ m. distant. |
| | | MAHARAJGANJ (KATKA) 400 x 80 yds. p-o. | 16 | 461 | A small village; supplies on notice; plentiful good water from 2 wells on C-G., which is S. of road and near village; country and road as before; pass Mirzapur at 5, Tamaahabad at 10 and Sarai Babu at 12½ m. |
| Collector of Allahabad, Allahabad. | | GOPIGANJ 66,000 sq. yds. | 11 | 462 | A small town; supplies on notice; plentiful good water from 2 wells on C-G., which is 120 yds. W. of town; country and road as above; cross the Mirzapur-Jaunpur road at 8 and pass Madhupur at 6 m. |
| | | BARAUT 520 x 390 yds. p-o. b. | 12 | 474 | A large village; supplies on notice; good water, for a battn., from 2 wells on C-G., which is ½ m. W. of village and liable to inundation after heavy rain; country and road as above; pass Namkishapur at 7 m. |
| | | SATDABAD 430 x 300 yds. b. | 10 | 481 | A village; supplies on notice; good but limited water from 2 wells on C-G., which is 500 yds. S. of village; country and road as above; pass Handia (p-o.) at 5 m. |
| | | JHUMI 790 x 780 yds. p-o. b. | 13½ | 497½ | A small village, near the confluence of the Jumna and the Ganges, 1 m. from Allahabad Fort on the opposite bank; good water from 2 wells on and near C-G., which is between the b. and the police stn.; country and road as above; pass Hanumanganj at 8 and Nasirpur at 10½ m. |
| | | ALLAHABAD 600 x 400 yds. p-o. t-s. r-s. b. | 5½ | 503½ | A large cantonment, civil stn. and native city situated W. of the Fort and extending along the banks of the Jumna; supplies procurable; good and abundant water from stand-pipes on C-G., which is W. of and close to the ry. rest-barracks, on both sides of the Cawnpore road; there are two other sites for the ry. rest-barracks, one at Alopri Bugh and the other opposite the bakery, ½ m. W. of the ry. rest-barracks; country and road as above; cross the Ganges at ½ m. by the ry. bridge of boats in the dry season, by ferry in the rains; any number of boats procurable; after crossing the river the road passes the small town of Damgudi, and thence by Canning road to the new cantonment. |

| AUTHORITIES. | | Names of stages and size of commanding grounds. | DISTANCE. | | REMARKS. |
|---|--------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | | Collector of Allahabad, Allahabad. | | | |
| | | MUFTI-KI-PURWA 200,000 sq. yds. p-o. | 10½ | 613½ | A small village; supplies on notice; plentiful good water from 3 wells on C-G., which is S. of road and 1 m. N. of village; country and road as before; the Manauri r.s. is distant 1 m. from the ground. |
| | | KOHKHIRAJ 870 × 370 yds. p-o. b. | 14 | 627½ | A village; supplies on notice; plentiful good water from a well on, and two others near C-G., which is ¾ m. from village; country and road as above; pass Mulak at 5, Pathana at 10, and Nausapur at 13 m. |
| | | SAINI 550 × 420 yds. p-o. | 18½ | 641 | A village; supplies on notice; good water; for a bath, from a well close to C-G., which is 400 yds. N.W. of village at junction of four cross roads; animals can be watered from the village tank; country and road as above. |
| | | KATOGHAN 216,810 sq. yds. p-o. | 18 | 651 | A small village; supplies abundant; plentiful good water from 3 wells and a tank on, and near C-G., which is N. of road and about ¼ m. from village; country and road as before; pass Ajha at 5, and Parin at 9 m. |
| | | THAKRYAON 451,090 sq. yds. p-o. | 12½ | 666½ | A bazar; supplies plentiful; abundant good water from 2 wells and a tank close to C-G., which is N. of road and near village; country and road as above; pass Khaga at 4 and Arrapur at 9 m. |
| | | FATEHPUR 216,840 sq. yds. p-o. t.s. r.s. b. | 12 | 678½ | A small civil stn.; supplies plentiful; abundant good water from 3 wells on, and a tank near C-G., which is N. of road; country and road as above; pass Rasta at 4 and Buri at 7 m. |
| | | MALWA 803,810 sq. yds. p-o. r.s. | 11 | 690½ | A small village; supplies procurable; plentiful good water from 2 wells and a tank on C-G., which is S. of road and about ¼ m. from village; country and road as above; pass Baripur at 9 and Saona at 8½ m. |
| | | ATNG 450 × 210 yds. p-o. | 13 | 602½ | A small village; supplies procurable; plentiful good water from 3 wells on C-G., which is close to village; country and road as before; pass Handlasapur at 8½ m. |
| | | MAHARAJAPUR 251,070 sq. yds. p-o. b. | 14½ | 617½ | A small village; supplies plentiful; abundant good water from a well and tank on C-G., which is S. of road and close to village; country and road as above; cross the Pandu stream at 4, pass Sikdiga at 6, and Siraul at 12 m. An unmetalled road runs to Siraul r.s. (distant 1½ m.) at 12½ m. |
| G. O. C. Oudh District, Lucknow. | | Collector of Faizpur, Faizpur. | | | |
| | | CAWNPORE 570 × 250 yds. p-o. t.s. r.s. b. | 11 | 628½ | A large cantonment and civil stn.; supplies abundant; plentiful good water from a well N. of and close to C-G., which is S. of the cantonment and about 600 yds. from r.s.; country and road as above; pass Rausa at 3 and Salspur at 8 m. The road to Lucknow (see Route 151) branches off at Cawnpore and crosses the Ganges by the ry. bridge. |
| | | KALIANPUR r.s. | 8½ | 636½ | A village; supplies on notice; plentiful good water from 3 wells on C-G., which is N. of road, but greatly curtailed by tank and temple on rising ground; road only for 2½ mts.; country and road as in last stage, the latter running parallel to D. B. & C. I. Ry.; cross the canal on starting and thence skirting the western suburb of the city, cross the Kulpri road at 2 and pass Kahanpur r.s. at 8 m. From Kahanpur, a raised metalled and bridged road runs to Dithur, distant 8 m. |
| | | CHAUBEPUK 252,850 sq. yds. p-o. r.s. | 6½ | 645½ | A small bazar; supplies procurable; plentiful good water from 3 wells on C-G., which is close to bazar; country and road as before; pass Manthana r.s. at 8½ and Analiya at 7½ m. Bithur is 6 m. E. of Chaulapur. |
| | | PULIA p-o. r.s. b. | 12 | 657½ | A village; supplies procurable; plentiful good water from 2 wells, one on, and the other ½ m. before reaching C-G., which is close to village, and will just accommodate 2½ mts.; country and road as above; cross the Nona stream at 2, pass Shitaurpur r.s. at 6, and Nawada at 8½ m. |
| | | ARAU 259,000 sq. yds. p-o. r.s. b. | 18½ | 671 | A village; supplies procurable; plentiful good water from a well S. of and near C-G., which is close to village; country and road as before; pass Dhand Solar r.s. at 4, Dihhar r.s. at 7, cross the Irm stream at 8, pass Dikahli at 10 and Arail r.s. at 13 m. From Arail an unmetalled road branches off, to Malanpur, to Hamalad, distant about 2½ m. |
| | | SARAI MIRAN 550 × 858 yds. p-o. | 9½ | 680½ | A large village; supplies plentiful; abundant good water from 2 wells on C-G., which is N.W. of village; country and road as before; pass Gangpur at 3 and Dandwa at 5 m. r.s.; a raised, bridged but unmetalled road branches off to Niyaganj and Mopki Ghak at 6½ m. There is an unmetalled road from Sarai Miran to the ruins of the ancient city of Kanauj, distant 8 m. |
| | | GURSAHAIGANJ 500 × 400 yds. p-o. r.s. | 15½ | 696 | A large village; supplies abundant; plentiful good water from 3 wells on C-G., which is N.W. of village; country and road as above; pass Makrandnagar at 2½, whence a road branches off to Phaphund r.s. on B. I. Ry., about 30 m. distant, Saadab r.s. at 7½ and Jalalabad (p-o.) at 10½ m. |
| | | CHHIDRAMAU p-o. | 15 | 711 | A large town; supplies abundant; plentiful good water from 2 wells, one near a railway station and the other immediately opposite C-G., which is 1½ m. W. of town, runs for a bath; a site, for 2½ mts., to encamp, is also available on waste land N. of town and close to road; country and road as before; pass Isaulpur at 1½, Dandat Sarai at 8 and Shandapur at 9½ m. An unmetalled road branches off from Chhildramau to Kamalpur r.s., distant about 12 m. |
| | | BEWAR 160,000 sq. yds. p-o. b. | 13½ | 724½ | A large village; supplies abundant; plentiful good water from 4 wells, one on and others in vicinity of C-G., which is 1 m. S. of village; country and road as above; pass Nabiganj at 8 and Nikaman at 11 m. From Bewar a road (see Route 16) branches off to Fatehgarh, distant 2½ m. |
| G. O. C. Meerut District, Meerut. | | Collector of Meerut, Meerut. | | | |
| | | SULTANGANI 208,250 sq. yds. p-o. | 14 | 739½ | A small bazar; supplies plentiful; abundant good water from the canal (Bewar branch), ½ m. E. of which is C-G.; country and road as before; pass Bhongana at 8, whence a road branches off to Mainpur, distant 9 m., Chasab at 11½, and Malpura at 18½ m. |
| | | KURAOHI p-o. | 9 | 747½ | A small bazar; supplies abundant; plentiful good water from the Bewar canal and from 2 wells, one in canal, and the other on C-G., which is N. of and close to canal, 3½ m. for 3½ mts.; country and road as before; pass Bachwan at 8 and Tumul at 8 m. |
| | | MALANWAN 820 × 400 yds. b. | 11 | 763½ | A small bazar; supplies abundant; plentiful good water from wells on, and in vicinity of C-G., which is close to b.; country and road as above; pass Lakhora at 1½, and Nihauwadar at 9 m. |
| | | ETAH 381,000 sq. yds. p-o. t.s. b. | 13 | 770½ | A small civil stn.; supplies plentiful; abundant good water from 2 wells on C-G., which is in front of the tahsil building; country and road as above; pass Aspur at 4 and Sainthali at 8 m. |
| | | BHADVAS p-o. | 11 | 781½ | A small village; supplies abundant; good but limited water from 2 wells on, and an irrigation channel 1 m. beyond C-G., which is 1 m. from village, and can accommodate 3½ mts.; country and road as above; pass the road to Kasganj r.s. (distant 18 m.) at 1, Sona at 5 and Bhadwas village at 10 m. |
| G. O. C. Meerut District, Meerut. | | Collector of Etah, Etah. | | | |
| | | MUFTI-KI-PURWA 200,000 sq. yds. p-o. | 10½ | 613½ | A small village; supplies on notice; plentiful good water from 3 wells on C-G., which is S. of road and 1 m. N. of village; country and road as before; the Manauri r.s. is distant 1 m. from the ground. |
| | | KOHKHIRAJ 870 × 370 yds. p-o. b. | 14 | 627½ | A village; supplies on notice; plentiful good water from a well on, and two others near C-G., which is ¾ m. from village; country and road as above; pass Mulak at 5, Pathana at 10, and Nausapur at 13 m. |
| | | SAINI 550 × 420 yds. p-o. | 18½ | 641 | A village; supplies on notice; good water; for a bath, from a well close to C-G., which is 400 yds. N.W. of village at junction of four cross roads; animals can be watered from the village tank; country and road as above. |
| | | KATOGHAN 216,810 sq. yds. p-o. | 18 | 651 | A small village; supplies abundant; plentiful good water from 3 wells and a tank on, and near C-G., which is N. of road and about ¼ m. from village; country and road as before; pass Ajha at 5, and Parin at 9 m. |
| | | THAKRYAON 451,090 sq. yds. p-o. | 12½ | 666½ | A bazar; supplies plentiful; abundant good water from 2 wells and a tank close to C-G., which is N. of road and near village; country and road as above; pass Khaga at 4 and Arrapur at 9 m. |
| | | FATEHPUR 216,840 sq. yds. p-o. t.s. r.s. b. | 12 | 678½ | A small civil stn.; supplies plentiful; abundant good water from 3 wells on, and a tank near C-G., which is N. of road; country and road as above; pass Rasta at 4 and Buri at 7 m. |
| | | MALWA 803,810 sq. yds. p-o. r.s. | 11 | 690½ | A small village; supplies procurable; plentiful good water from 2 wells and a tank on C-G., which is S. of road and about ¼ m. from village; country and road as above; pass Baripur at 9 and Saona at 8½ m. |
| | | ATNG 450 × 210 yds. p-o. | 13 | 602½ | A small village; supplies procurable; plentiful good water from 3 wells on C-G., which is close to village; country and road as before; pass Handlasapur at 8½ m. |
| | | MAHARAJAPUR 251,070 sq. yds. p-o. b. | 14½ | 617½ | A small village; supplies plentiful; abundant good water from a well and tank on C-G., which is S. of road and close to village; country and road as above; cross the Pandu stream at 4, pass Sikdiga at 6, and Siraul at 12 m. An unmetalled road runs to Siraul r.s. (distant 1½ m.) at 12½ m. |
| | | CAWNPORE 570 × 250 yds. p-o. t.s. r.s. b. | 11 | 628½ | A large cantonment and civil stn.; supplies abundant; plentiful good water from a well N. of and close to C-G., which is S. of the cantonment and about 600 yds. from r.s.; country and road as above; pass Rausa at 3 and Salspur at 8 m. The road to Lucknow (see Route 151) branches off at Cawnpore and crosses the Ganges by the ry. bridge. |

| Activities. | | Name of stages and area of encamping grounds. | Distance. | | Remarks. |
|-------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | SIKANDRA-RAO p-o. r-s. | 9 | 790½ | A small town; supplies abundant; plentiful good water from wells and a tank on and in vicinity of C-G., which is close to where the Hathras-Kasganj road (Route 12) crosses; accommodation for 3 regts.; country and road as before; pass Mughalgarhi at 6 m. |
| | | AKRADAD 323,230 sq. yds. p-o. | 10½ | 81 | A large village; supplies abundant; plentiful good water from 4 wells on C-G., which is on both sides of the road and near village; country and road as before; pass Masjid at 7 m. |
| | | ALIGARH 490,270 sq. yds. p-o. t-s. r-s. b. | 14½ | 815½ | A small civil stn. and old cantonment; supplies plentiful; abundant good water from 3 wells on C-G., which is W. of Aligarh, and ½ m. from the rest-camp; country and road as before; cross the Ganges canal at 3, pass Jasaratpur at 5 and Koli at 18 m.; then skirting the city pass through the stn. |
| | | SOMNA. 650 x 450 yds. p-o. r-s. b. | 13½ | 829½ | A large village; supplies on notice; plentiful good water from a well on C-G., which is near r-s.; country level, open and well cultivated; road as before; pass Bihara at 5½ and Lalpur at 11 m. |
| | Collector of Bahadurpur, Bahadurpur. | KHURJA 278,720 sq. yds. p-o. t-s. r-s. b. | 14½ | 843 | A large village; supplies procurable; plentiful good water from village wells; C-G. between the Delhi and Meerut roads which branch off here, Meerut distant 53½ m.; country and road as above; pass Dasehm at 8 and Bazidpur at 13 m. Khurja r-s. is distant 3½ m. |
| | | BIHUR near BULANDSHAHR 400 x 400 yds. p-o. t-s. b. | 12 | 855 | A halting place; supplies procurable; plentiful good water from wells in vicinity of C-G., which is 2 m. N-W. of Bulandshahr, an old cantonment and small civil stn.; country and road as above; pass Agwal at 2½ and Masnun Kd. at 5 m. |
| | | SIKANDARABAD 337,600 sq. yds. p-o. t-s. r-s. b. | 9½ | 864½ | A town; supplies plentiful; abundant good water close to C-G., which is S-W. of road; country and road as above; pass Hoshidarpur at 6 m. A metalled road leads to the r-s., distant 4 m. |
| | | DADRI 219,107 sq. yds. p-o. t-s. r-s. | 11½ | 876 | The following are the stages on the old Grand Trunk Road from Khurja — Chola 8 m. Sikandarabad 10 ½ m. This road is, however, no longer metalled, and is not recommended. |
| | Collector of Meerut, Meerut. | GHAZIABAD 133,191 sq. yds. p-o. t-s. r-s. b. | 11 | 887 | A large town; supplies plentiful; abundant good water from a well near C-G., which is close to r-s.; country and road as above; pass Dham at 2 and Chhapra at 6 m. From Ghaziabad a metalled road (see Route 192) branches off to Meerut. |
| | | DELHI 670 x 400 yds. p-o. t-s. r-s. b. | 14½ | 901½ | A large city, cantonment and civil stn.; supplies plentiful; abundant fair water from 4 wells, one on, and the others in the vicinity of C-G., which is situated in the old cantonments, 2½ m. from the Delhi Gate; country and road as before; cross the Hindan R. at 2, pass Shahdara at 8 and cross the Jumna at 11 m. (notice of the passage of troops should be given to the Station Master, Delhi). The road enters the city by the Calcutta Gate, passes along under the wall of the Fort and N. of the r-s., and exits by the Kashmir Gate. |
| | | ALIPUR 600 x 400 yds. p-o. | 11 | 912½ | A village; supplies procurable; plentiful good water from 3 wells on C-G., which is W. of road; country and road as before; the road passes through Sabimandl, thence by Adipur at 4, by Kaspur at 7½ and crosses the Sabi stream at 9½ m. |
| | | RAI 800 x 400 yds. p-o. | 10 | 922½ | A village; supplies procurable; plentiful good water from 3 wells on C-G., which is close to village; country and road as before; pass Singu at 3½ and Pithampur at 8 m. From Rai a road (unmetalled, but bridged) runs to Bagpat ferry (see Route 192 (a)), distant 7 m. |
| G. O. C. Sahibul District, Umballa. | Deputy Commissioner of Delhi, Delhi. | LANSATLI 800 x 400 yds. p-o. | 11 | 933½ | A village; supplies on notice; plentiful good water from 2 wells on C-G., which is W. of road; country as before, but with patches of jungle; road as above; pass Jalpur at 4 and Hasanpur at 8 m. |
| | | SANDHALKHA 800 x 400 yds. p-o. r-s. b. | 10½ | 944½ | A village; supplies abundant on notice; plentiful good water from 2 wells on C-G., which is W. of and close to road; country and road as above; pass Gaurat at 3½ and Bhodwal at 8 m. |
| | Deputy Commissioner of Karnal, Karnal. | PANIPAT 800 x 400 yds. p-o. t-s. r-s. b. | 11½ | 955½ | A large town; supplies on notice; plentiful good water from 3 wells on C-G., which is ½ m. N. of town; country and road as above; pass Siswa at 7 m. |
| | | GHARAUNDA 680 x 360 yds. p-o. r-s. b. | 9½ | 965½ | A village; supplies on notice; plentiful good water from 2 wells on C-G., which is close to police stn.; country and road as before; pass Barawal at 5 and Khundi at 6½ m. |
| | | KARNAL 221,620 sq. yds. p-o. t-s. r-s. b. | 10½ | 976½ | A large town and small civil stn.; supplies on notice; plentiful good water from 2 wells on C-G., which is W. of road and close to town; country and road as before; cross the Ganges canal at 7 m. and pass Kamupur immediately afterwards. |
| | | BATTANA 800 x 400 yds. b. | 12½ | 988½ | A small village; supplies on notice; plentiful good water from a well on C-G., which is W. of and close to village; country level, but sparsely cultivated and frequently covered with jungle; road as above; cross the Western Jumna canal at 4, pass Shamgarhi at 7 m., and cross the Chitang stream at end of stage. |
| | Deputy Commissioner of Umballa, Umballa. | PIPLI 710 x 360 yds. p-o. b. | 9½ | 997½ | A small village; supplies on notice; plentiful good water from 3 wells on C-G., which is N-E. of b.; country as before, but with more jungle; road as above; pass Samani at 5 and Umri at 6½ m. From Pipli a road (unmetalled, but bridged) runs to Thanesar r-s., distant 2½ m. |
| | | SHALADAD 500 x 300 yds. p-o. t-s. r-s. b. | 13½ | 1,010½ | A large town; supplies on notice; plentiful good water from 4 wells on and near C-G., which is W. of road and close to r-s.; country and road as before; pass Khanpur at 4 and Gulabgarhi at 7 m. |
| | | UMBALLA Church. 680 x 360 yds. p-o. t-s. r-s. b. | 13½ | 1,024½ | A large cantonment; supplies procurable, indents should be sent to the Cantonment Magistrate; plentiful good water from cantonment water supply reservoir on C-G., which is 600 yds. S-E. of cantonment and close to level crossing on N-W. Ry.; country level and fairly cultivated, but liable to floods during the rains; road as before; cross the Markanda on starting, pass Pohawa at 8, cross the Umla at 10½, and the Tangri at 11 m., both unbridged and unfordable after heavy rain. Adjoining the road across these last are the bridges of the D-U-K. Ry. These bridges can always be crossed by infantry and laden animals. |
| | | | | | |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCES. | | REMARKS. |
|---|--|---|------------|--------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Umballa, Umballa. | MUGHAL-KI-SARAI 800 x 400 yds. | 10½ | 1,034½ | A small village in Patiala territory; supplies on notice; plentiful but indifferent water from 8 wells on C-G, which is close to Bumbha r.s.; country level and cultivated; road as before; pass Umballa city at 4, and cross the Ghaggar at 6½ m. |
| | | UGHANA 750 x 100 yds. | 11 | 1,045½ | A small village in Patiala territory; supplies on notice; plentiful but indifferent water from 8 wells on C-G, which is N. of and close to road; country and road as above; pass Rajpura (whence a metalled road runs to Patiala, distant 16 m) at 6, cross a branch of the Patialawali stream at 7½ and pass Raesulpur at 10 m. Saral-Janara r.s. is 1½ m. N-W. of camp. |
| | Deputy Commissioner of Ludhiana, Ludhiana. | BARA 800 x 400 yds. | 11½ | 1,057½ | A village in Patiala territory; supplies on notice; fair water, for a battn, from 2 wells on C-G, which is N-W. of and close to village; country and road as before; cross the Patialawali stream at 8, pass Julberri at 6, and Madhupur at 8½ m. Sirhind r.s. is 1½ m. N-E. of camp. |
| | | KHANNA 650 x 350 yds. p-o. t.s. r.s. b. | 10 | 1,067½ | A small village; supplies on notice; plentiful good water from 2 wells on C-G, which is ¾ m. S. of village; country and road as before; cross the Chohiya stream on starting, pass Ujjwal at 6 and Alwar at 8 m. |
| | | DOKAIA 600 x 300 yds. p-o. r.s. | 11½ | 1,081½ | A village in Patiala territory; supplies on notice; good water, for a battn, from 2 wells on C-G, which is 250 yds. S-E of village; country as above for the first 11 m., thence sandy; road as before; pass Dhritian at 2, Bha at 8 and Dhangarh at 10 m. |
| | | JUDHLANA 230,080 sq. yds. p-o. t.s. r.s. b. | 13 | 1,094½ | A large town; supplies abundant; plentiful good water from a well on C-G, which is S-W. of and close to town; country cultivated; road as above; pass Samthwal r.s. at 4 m. At the camping ground a road (see Route 421) turns off to Ferozepore. |
| | Deputy Commissioner of Jalandhar, Jalandhar. | PHILLOUR 550 x 250 yds. p-o. t.s. r.s. | 9½ | 1,104½ | A town on right bank of the Satlej; supplies on notice; plentiful good water from wells on C-G, which is W. of and close to town; country and road as before; cross the Satlej (ry. bridge has footway only) at 7, by bridge-of-boats in dry season, by ferry in the rains, and pass Phillour fort at 8½ m. |
| | | PTAGWARA 620 x 400 yds. p-o. r.s. b. | 18 | 1,117½ | A small town in Kaporthala; supplies plentiful; abundant good water from wells on and near C-G, which is ½ m. S-W. of town; country and road as before; pass Talhar at 9, and Chachoki at 12 m. |
| | | JULLUNDUR 750 x 400 yds. p-o. t.s. r.s. b. | 12½ | 1,129½ | A large cantonment and civil stn.; supplies abundant; plentiful good water from 2 wells on C-G, which is N-W. of the cantonments; country and road as before; cross the Bejn stream at 7 and pass Triggpur at 9 m. |
| | | KATARPUR 800 x 100 yds. p-o. t.s. r.s. l. | 12½ | 1,142 | A town and old cantonment; supplies plentiful; abundant good water from wells on C-G, which is between the town and r.s.; country as above, but sandy; road as before; pass the city of Jalandhar at 4 m. |
| G. O. C. Lahore District, Muzam Meer. | Deputy Commissioner of Muzam Meer, Muzam Meer. | GIRANA 900 x 400 yds. | 8 | 1,150 | A village; supplies procurable; plentiful good water from 2 wells on C-G, which is N. of village and road; country and road as above; pass Dihampur at 2½, and cross the Bejn stream at 6½ m. |
| | | RAYA 1,000 x 800 yds. | 9 | 1,159 | A village; supplies procurable; plentiful good water from 2 wells on C-G, which is S. of road and close to village; country and road as before; cross the Bejn R. at Wazh Ghat at 3½ m., by ford in dry weather, by ferry (10 boats carrying 75 men each) in rains. |
| | Deputy Commissioner of Amritsar, Amritsar. | JANDIALA 600 x 370 yds. p-o. t.s. r.s. | 12 | 1,171 | A town; supplies procurable; plentiful good water from 3 wells on C-G, which is ½ m. N. of town; country and road as before; cross the Sobhana canal on starting, and pass Chohanian at 8 and cross the Kasur canal at 10 m. |
| | | AMRITSAR 650 x 500 yds. p-o. t.s. r.s. b. | 11½ | 1,182½ | A military and civil stn. and large native city; supplies procurable; plentiful good water from a well on C-G, which is N-W. of city, close to Fort of Gobindgarh; country and road as above; pass Manwala at 6, cross the Bari-Doab canal at 8, and pass the city of Amritsar at 10½ m. |
| | | GHARENDA 700 x 400 yds. | 11½ | 1,194½ | A village; supplies procurable; plentiful good water from 2 wells on C-G, which is N. of village; country and road as before; pass Khana r.s. at 8 m. |
| | | CHABIL 750 x 320 yds. | 12½ | 1,206½ | A village; supplies on notice; good water, for a battn, from a well on C-G, which is close to village; country and road as above; pass Atari r.s. at 3½ m. and cross the canal at 6½ m. |
| | Deputy Commissioner of Lahore, Lahore. | LAHORE 650,000 sq. yds. p-o. t.s. r.s. b. | 9½ | 1,216½ | A large civil stn., and the principal city of the Punjab, situated 1 m. E. of the Ravi; supplies plentiful; abundant good water laid on in pipes on to C-G, which is N-W. of city, near Badami Bag; country and road as before; pass Baghanpur at 4 m. An alternative route from Chabil to Lahore is as follows:— CHABIL to MEEAN MEER . . . 6½ m. A large cantonment; supplies plentiful; abundant good water laid on in pipes on to C-G, which is W. of cantonment, country flat and partially cultivated; road metalled and bridged. LAHORE . . . 6 m. For description see above, country and road as in last stage. |
| | | SHAHNARA 300,000 sq. yds. p-o. r.s. | 2½ | 1,219 | A small place; supplies procurable; plentiful good water from 3 wells on C-G, which is 1 m. W. of village; country and road as above; cross the Navi at 1 m., by bridge-of-boats. |
| | | MURDKI 90,810 sq. yds. p-o. r.s. b. | 12½ | 1,231½ | A village; supplies procurable; good water, for a battn, from a well on C-G, which is ½ m. W. of village near wall; country barren; road as before; pass Shahnara r.s. at 1, cross the Buddha stream at 4, the Triloch at 6, and the Bag at 9 m. |
| | | KANOKE 394,800 sq. yds. p-o. r.s. b. | 12½ | 1,244 | A small village; supplies procurable; plentiful good water from 2 wells, one on, and the other near C-G, which is directly opposite the village across the road and close to r.s.; country partially cultivated; road as above; pass Khori at 6 and Muzam at 9 m. |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | GUJRANWALA 309,420 sq. yds. p-o. t.s. r.s. | 11½ | 1,255½ | A city and small civil stn.; supplies procurable; abundant good water from 2 wells on C-G, which is S-E. of city and 1 m. from r.s.; country well cultivated; road as before; pass Atinwa at 7, and the direct road to Amritsar (see Route 48) at 11 m. |

| ACROSSINGS. | | Name of stage and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Dy. Commr. of Gujranwala, Gujranwala. | | GHAKKHAR 840,110 sq. yds. p-o. r-s. | 10½ | 1,206 | A small village; supplies procurable; plentiful fair water from wells on C-G., which is close to the r-s.; country level and open; road as before; pass the road to Sialkot (distant 3½ m.) at 1, and Lohlanwala at 4 m. |
| | | WAZIRABAD 380,110 sq. yds. p-o. t-s. r-s. b. | 10½ | 1,276½ | A town; supplies procurable; abundant good water from wells on C-G., which is W. of and close to town; country level, open and fairly cultivated; road as above; pass Jandiala at 6 m. The road to Sialkot (see Route 600) branches off from the camping ground. |
| | | KATHALA 740 x 300 yds. p-o. r-s. | 4½ | 1,280½ | A small village on right bank of the Chenab; supplies on notice; plentiful good water from a well on C-G., which is N. of and close to r-s.; country and road as before; cross the Chenab at 2 m. by ry. bridge (footway only) or steam-ferry. Except during the rains there is no occasion to halt at Kathala. |
| | | GUJRAT 800 x 400 yds. p-o. t-s. r-s. b. | 5½ | 1,286½ | A town and civil stn.; supplies abundant; plentiful good water from a well on C-G., which is ½ m. N. of r-s.; country and road as before; pass Kalra at 8 m. Gujrat is famous for the battle fought on the 21st February 1849, between the British and the Sikhs, which ended in the final overthrow of the Sikh nation. |
| Deputy Commissioner of Gujrat, Gujrat. | | LAJA-MUSA 810 x 400 yds. p-o. r-s. | 10½ | 1,296½ | A village; supplies abundant; plentiful good water from a well on C-G., which is W. of road and near village; country and road as before; cross the Bhimbar stream at 1½ and again at 8½ m. |
| | | KHARIAN 800 x 350 yds. p-o. r-s. | 9 | 1,305½ | A village; supplies procurable; plentiful fair water from a well on C-G., which is W. of road and near village; country ravine and barren; road as before; pass Panjtan at 4½ and Kotla at 6½ m. |
| | | AURANGABAD 780 x 400 yds. p-o. r-s. | 9 | 1,314½ | A small village; supplies procurable; plentiful good water from a well on C-G., which is N.W. of village; country hilly and barren at first, afterwards level, open and fairly cultivated; road as before; at 1 m. the ascent of the Kharian pass over the Pabbi range is commenced; the pass is about 3½ m. long, but presents no difficulties; pass Karyala r-s. at 6½ m. Except during the rains there is no occasion to halt at Aurangabad. |
| | | JHELUM 520 x 310 yds. p-o. t-s. r-s. b. | 3½ | 1,318½ | A town, cantonment and civil stn. on right bank of the Jhelum; supplies plentiful; abundant good water from the river and from a well on C-G., which is within cantonment limits; country level, open and cultivated; road as above; cross the Jhelum at 2 m. by the ry. bridge. |
| Deputy Commissioner of Jhelum, Jhelum. | | DINA 163,000 sq. yds. p-o. r-s. | 12 | 1,330½ | A small village; supplies on notice; plentiful good water from a well on C-G., which is close to the road; country hilly; road as before; pass Kala at 4 m.; cross a range of hills half-way; pass Dina at 10, and cross the Kahlan R. at 11 m. |
| | | SOHAWA 080 x 200 yds. p-o. r-s. | 13½ | 1,344½ | A small village; supplies scarce; good but limited water from wells, and (for animals) from a tank in vicinity of C-G., which is close to the r-s.; country very hilly; road as above; cross a branch of the Kahlan R. at 7 and pass Dhoka at 9 m. |
| | | GUJAR KHAN 810 x 400 yds. p-o. t-s. r-s. | 11½ | 1,356 | A village; supplies on notice; plentiful good water from a well on C-G., which is close to r-s.; country barren, ravine and hilly; road as before; pass Khzuka at 4 and Balkam at 9 m. |
| | | MANDRA 810 x 420 yds. p-o. r-s. | 9 | 1,365 | A small village; supplies on notice; plentiful fair water from a well near C-G., which close to r-s.; country intersected by ravines, but well cultivated; road as before; pass Nathia at 5 m. |
| Deputy Commissioner of Rawal Pindi, Rawal Pindi. | | RIWAT 1,160 x 450 yds. p-o. | 0½ | 1,374½ | A small village; supplies on notice; plentiful fair water from 2 wells in the vicinity of C-G., which is about 200 yds. E. of village; country and road as above; cross the ry. line at 6½ m. |
| | | RAWAL PINDI 400 x 400 yds. p-o. t-s. r-s. b. | 10 | 1,384½ | A large cantonment and civil stn.; supplies abundant; plentiful good water from hydrants close to C-G., which is at 10 m.; country and road as above; pass Hurmak at 4½ and cross the Sohan R. at 7 m. |
| | | JANKI-SANG 700 x 400 yds. | 16 | 1,399½ | A village; supplies procurable; plentiful fair water from a well on C-G., which is close to village; country undulating, partially cultivated and intersected by nullahs; road as above; pass Chur at 3, the Khushalgarh-Kohat road (see Route 5) at 7, and Chelo at 9 m. |
| | | HASAN-ABDAL 780 x 450 yds. p-o. r-s. | 14½ | 1,414½ | A village; supplies procurable; good water from a spring close to Lalla Roakh's tomb, 1½ m. from camp, and (for animals) from a stream running along the front of C-G., which is close to village; country and road as above; proceed through the Margala pass at 2½, pass Sarai Kala (on Route 4) at 5½, and cross a branch of the Hurroth R. at 12½ m. |
| Deputy Commissioner of Rawal Pindi, Rawal Pindi. | | HATI 860 x 450 yds. | 18½ | 1,428 | A small village; supplies procurable; plentiful good water from a well on C-G., which is near village; country and road as above; cross a branch of the Hurroth R. at 3 and the Hurroth itself at 9 m. |
| | | ATTOCK FORT 560 x 450 yds. p-o. t-s. r-s. b. | 18½ | 1,441½ | A cantonment and small civil stn.; supplies abundant; indifferent limited water from 2 wells on C-G., which is 2 m. short of the fort. The fort is situated on high ground overlooking Khairabad, at junction of the Kabul and Indus rivers; country open, level, and cultivated; road as above; pass Gondal at 9 m. |
| | | KHAIRABAD 182,000 sq. yds. p-o. r-s. b. | 8 | 1,449½ | A village; supplies procurable; plentiful good water from ry. hydrants 100 yds. S. of C-G., which is on right bank of the Indus, where animals may be watered; country hilly; road as above. The route passes through the fort and town of Attock, and descending the left bank of the river reaches the ry. bridge at 4 m.; thence it ascends the right bank parallel to the line of rail and passes through the town of Khairabad to the camping ground. |
| | | AKORA 800 x 480 yds. p-o. r-s. | 0½ | 1,450 | A village; supplies procurable; plentiful good water from a well on, and from hydrants near C-G., which is 1 m. S.W. of village; country barren; road as before; after leaving Khairabad the road skirts the right bank of the Kabul R. nearly the whole way; pass Dyri at 5 and Shaida at 6½ m. |
| Deputy Commissioner of Peshawar, Peshawar. | | NOWSHERA 330 x 300 yds. p-o. t-s. r-s. b. | 8½ | 1,457½ | A small cantonment; supplies procurable; plentiful good water from a well on C-G., which is 600 yds. from the Kabul R., where animals may be watered; country and road as before, latter passing the low Khattak hills on the left, and the Kabul R. on the right; pass Kamal Khel at 8 m. |
| | | PUBBI 160 x 150 yds. p-o. r-s. | 11½ | 1,470 | A village; supplies plentiful; abundant good water from a well near C-G., which is situated at the junction of the Grand Trunk and Pubbi-Charot roads; country and road as above; cross a large dry nullah, passable at all times, at 1½ m.; from 2½ m. to 5½ m. the road runs between low hills on the S. and the Kabul R. on the N. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|---------------------------------------|--|----------|-------|---|
| Military | Civil | | Miles. | Total | |
| G. O. C. Pesh- war District, Peshwar. | Dy. Commr. of Peshwar, Peshwar. | PESHAWAR . 1,150 x 220 yds. p-o. t-s r-s b | 15 | 1,19½ | A large cantonment and civil str; supplies plentiful; abundant good water laid on in pipes on to C-G, which is N-W. of cantonment and on the Brigade parade ground; country open and well cultivated, road as before, pass Jaur at 3½ and Budhai at 7½ m. |
| | | Total marches, 133 = 1,19½ m. | | | |

Route No. 267.
FROM FORT WILLIAM TO SOOREE.
via BURDWAN AND SURUL.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---|--------------------------------------|--|----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Colls. of 24-Parg. Alipore | KOTRUNG . . . | 0½ | 0½ | See Route 266. |
| | | GAURHATI . . . | 10½ | 20 | |
| | | HOOGHLY . . . | 8½ | 28½ | |
| | | DIGSUI (TARAGANI) . . . | 8 | 36½ | |
| | Collector of Hooghly, Hooghly. | GOARA . . . | 11½ | 49½ | See Route 166 No other remarks see Route 166. |
| | | DULLA BAZAR . . . | 14 | 62½ | |
| | | BURDWAN . . . | 12½ | 74½ | |
| | | KILAIAPUR . . . | 18 | 87½ | |
| | Collector of Burdwan, Burdwan | OAGRAM . . . | 3 | 90½ | No other remarks see Route 112 |
| | | BHEDIA . . . | 12 | 102½ | |
| | | SURUL . . . | 6 | 108½ | |
| | Collector of Bibiana, Sooree | PURANDARPUR . . . | 13 | 121½ | |
| | | SOOREE . . . | 7 | 128½ | |
| | | Total marches, 13 = 128½ m. | | | |

Route No. 268.
FROM FYZABAD TO AZAMGARH.
via AKBARPUR AND ATRAULIA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|----------------------------------|---|---|----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Fyzabad, Fyzabad | IAHALADINNAGAR 10,340 sq. yds. | 10½ | 10½ | A village; supplies procurable; plentiful good water from a well in front of, and from 3 others close to C-G, which is in a mango grove N-W. of road and about a mile N-E. of Bulhar Ghat; country wooded and well cultivated; road as in latter part of last stage; pass Maya Bazar at about 8 m. where an unmetalled road branches off to Tanda (p-o. t-s) on the Gogra, distant 28 m. |
| | | TANDAULI . 41,100 sq. yds. r-s. | 8½ | 19 | A village; supplies procurable; good water, for a bath, from 2 wells close to C-G, which is N-E. of road, and near village; country open and much cultivated; road as in latter part of last stage; pass Maya Bazar at about 8 m. where an unmetalled road branches off to Tanda (p-o. t-s) on the Gogra, distant 28 m. |
| | | AHRAULI . 22,180 sq. yds. | 8½ | 27½ | A village; supplies procurable; good water, for a bath, from a well on C-G, which is in a mango grove (sometimes flooded in rains) N-W. of road and near village, country and road as in last stage, pass Goshanganj at 8½ and Kaimurpur r-s at 7½ m. |
| | | AKBARPUR . 30,500 sq. yds. p-o. t-s. r-s. | 8½ | 36½ | A town, supplies procurable; plentiful good water from wells near C-G, which is in a grove N-E. of road and 1 m. from r-s., country and road as above; from here a metalled and bridged road branches off to Tanda, distant 11 m. |
| | | BASKHANI . 78,050 sq. yds. p-u. | 15½ | 51 | A village; supplies procurable; plentiful good water from 3 wells on, and (for animals) from a tank near C-G, which is N-E. of road in a mango grove, country as above, but less towards end of stage; road metalled and bridged for the first 1½ m. where it leaves the Tanda road, thence neither metalled nor bridged, liable to floods and swampy in parts. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Azamgarh, Azamgarh. | ATRAULIA . . . 28,880 sq. yds. p-o. | 12 | 63 | A village; supplies on notice; good water, for a battn., from 2 wells, one on, and the other 60 yds. W. of C-G., which is in a grove $\frac{1}{2}$ m. S.-E. of village; country level, open and well cultivated; road unmetalled, but bridged and passable for all arms. |
| | | MANDURI . . . 61,660 sq. yds. | 14 | 77 | |
| | | AZAMGARH . . . | 9 $\frac{1}{2}$ | 86 $\frac{1}{2}$ | See Route 98. Country and road as before; pass Kandarapur at 8 m. |
| | | Total marches, 8 = 88 $\frac{1}{2}$ m. | | | |

Route No. 268(a).
FROM FYZABAD TO AZAMGARH.
via AKBARPUR AND PHULPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|------------------|-------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Dy. Commr. of Fyzabad, Fyzabad. Collector of Azamgarh, Jaunpur, Azamgarh. | JALALADINNAGAR . . . | 10 $\frac{1}{2}$ | 10 $\frac{1}{2}$ | NOTE.—No. 268 is preferable to this route in dry weather. See Route 268. |
| | | TANDAULI . . . | 8 $\frac{1}{2}$ | 19 | |
| | | AHRAULI . . . | 8 $\frac{1}{2}$ | 27 $\frac{1}{2}$ | See Route 66. Country as in last stage; road metalled for the first 1 $\frac{1}{2}$ m. only, but bridged throughout and practicable for all arms. |
| | | AKBARPUR . . . | 8 $\frac{1}{2}$ | 36 $\frac{1}{2}$ | |
| | | SIEHPURPUR . . . | 14 $\frac{1}{2}$ | 50 | A village; supplies procurable; plentiful good water from a well 60 yds. E. of C-G., which is W. of road and about $\frac{1}{2}$ m. from village; country as above; road as in latter part of last stage. |
| | | SHAHGANJ . . . 41,000 sq. yds. p-o. r-s. | 18 $\frac{1}{2}$ | 68 $\frac{1}{2}$ | |
| | | PHULPUR . . . 500 x 600 yds. | 18 | 76 $\frac{1}{2}$ | A small village; supplies procurable; good water, for a battn., from 2 wells on C-G., site for which is at Daudpur, $\frac{1}{2}$ m. from village; country and road as above. |
| | | PHARIHA . . . | 12 | 88 $\frac{1}{2}$ | |
| | | AZAMGARH . . . | 12 | 100 $\frac{1}{2}$ | See Route 98. Country and road as above. |
| | | Total marches, 9 = 100 $\frac{1}{2}$ m. | | | |

Route No. 269.
FROM FYZABAD TO BAHRAICH.
via COLONELGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Lucknow. | Dy. Commr. of Bahraich, Bahraich. Dy. Commr. of Gonda, Gonda. | TAKTONA . . . 18,760 sq. yds. | 12 $\frac{1}{2}$ | 12 $\frac{1}{2}$ | A village; supplies procurable; abundant good water from a well and the Tohri L., $\frac{1}{2}$ m. from which and S. of road is site for C-G.; country low, open and well cultivated; road after passing Nawabganj (8 m.) is neither metalled nor bridged and is flooded in the rains; cross the Gogra soon after starting, by bridge-of-boats, and the Tohri at end of stage, by ford in dry weather, by ferry in rains. |
| | | BILSAR . . . 50,600 sq. yds. p-o. | 10 | 22 $\frac{1}{2}$ | |
| | | ATA PARSPUR . . . 80,000 sq. yds. | 9 | 31 $\frac{1}{2}$ | Two villages; supplies procurable; good water, for a battn., from wells and tanks S. of C-G., which is N. of road and near villages; country and road as above; cross the Bilal nullah at 4 m., by a bridge which is unsuitable for heavy wheeled traffic. |
| | | COLONELGANJ . . . 34,000 sq. yds. p-o. r-s. b. | 10 | 41 $\frac{1}{2}$ | |
| | | KARMULAPUR . . . | 10 $\frac{1}{2}$ | 52 $\frac{1}{2}$ | A village near left bank of the Chota Sarju; supplies procurable; good, but limited water from 2 wells, and (for animals) from the river; small site for C-G. E. of road and near village; country cultivated and wooded; road as before, heavy during the rains; pass Simrah at 6 $\frac{1}{2}$ and Lalpur-Jagdiepur at 8 m. |
| | | JAGANIA . . . | 11 | 63 $\frac{1}{2}$ | |
| | | BAHRAICH . . . 142,840 sq. yds. p-o. l-s. r-s. b. | 11 $\frac{1}{2}$ | 75 | A small civil tin.; supplies abundant; plentiful good water from 5 wells on, and a tank $\frac{1}{2}$ m. from C-G., which is S. of and close to town; country and road as above; pass Ranipur at 4 and cross the Soti Nadi (bridged) at 7 m. |
| | | Total marches, 7 = 75 m. | | | |

Route No. 270.
FROM FYZABAD TO GONDAH.
via WAZIRGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|---|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Gondah, Gondah. | NAWABGANJ p-o. r-s. b. | 6½ | 0½ | A large market town; supplies procurable; plentiful good water from 2 wells on C-G, extensive site for which is W. of road and near town; country fairly cultivated; road raised, metalled and bridged, but on each bank of the Gogra, sandy and very difficult for wheeled traffic during the rains; cross the Gogra soon after starting, by ferry (10 boats carrying 100 men each), and the Tehri towards end of stage, by bridge-of-boats in dry season, by ferry (5 boats, carrying 100 men each) in the rains. |
| | | WAZIRGANJ 180,000 sq. yds. p-o. | 8 | 14½ | A village; supplies procurable; plentiful good water from 5 wells on C-G, which is E. of road and near village; country level, open and well cultivated; road as above; pass Parsapur at 8 m. |
| | | DIRZI-KA-KUA 380 x 380 yds. p-o. | 8 | 22½ | A village; supplies procurable; good water, for a bathn., from a well on C-G, which is E. of road, under water during the rains; country and road as before; pass Banghura at 6½ m. |
| | | GONDAH 1,800 x 950 yds. p-o. t-s. r-s. b. | 8 | 30½ | An old cantonment and civil stn.; supplies plentiful; abundant good water from 7 wells on C-G, which is W. of and close to city; country and road as above. From Gondah roads run to Bahraich, Colonelganj, Bulmampur, Atranah, and Fyzabad. |
| | | Total marches, 4 = 30½ m. | | | |

Route No. 271.
FROM FYZABAD TO GORAKHPUR.
via BASTI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------|---|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Oudh District, Lucknow. | Collector of Basti, Basti. | From the Church to KALIANPUR 501,840 sq. yds. | 11½ | 11½ | A halting place; supplies procurable; good water, for a bathn., from a well on C-G, which is N. of road; country level, open and well cultivated; road metalled and bridged; cross the Gogra at 6 m., by bridge-of-boats in dry season, by steamer during the rains. |
| | | SISAI 400 x 400 yds. | 11 | 22½ | A small bazar 1 m. from Harraiya (p-o); supplies procurable; good water for a bathn., from a well on C-G, which is N. of road and near bazar; country and road as above. |
| | | TILOKPUR 400 x 400 yds. | 11½ | 34½ | A halting place; supplies procurable; good water, for a bathn., from wells on C-G, which is N. of road; country and road as above; pass Kaplalganj at 8 m. |
| | | BASTI 840 x 1,016 yds. p-o. t-s. r-s. b. | 6 | 40½ | A large village; supplies procurable; good water, for a bathn., from wells on C-G, which is opposite the kacheri; country and road as above; cross the Kuanio at end of stage. Four unmetalled roads branch off from Basti, one to Tanda Ghat, distant 16 m.; another to Damarganj, distant 28 m., and thence 22 m. on to the Nepal frontier; a third to Bansi, distant 32 m., and thence to the Nepal frontier 26 m. further; and the fourth to Minhdawal, distant 27 m. in the Gorakhpur District, and thence to Kaman Ghat on the Rapti, 8 m. further. |
| | | MUNDERWA 520 x 350 yds. p-o. r-s. | 12 | 52½ | A village; supplies procurable; good water, for a bathn., from a well on C-G, which is 800 yds. N. of r-s.; country low, with rice cultivation; road as before. |
| | | KHALILABAD 400 x 390 yds. p-o. r-s. | 10 | 62½ | A small bazar; supplies procurable; good water, for a bathn., from a well on C-G, which is 8 of road; country as before, but swampy in places; road as above; pass Churahi at 5 m. |
| | | SAHJANWA 340 x 330 yds. r-s. b. | 10 | 72½ | A village; supplies plentiful; indifferent water, for a bathn., from a well on C-G, which is E. of road, and near village; country fertile; road as above, and suitable for all arms, but flooded in parts during the rainy season; pass Meghar at 3½ and cross the Ami R. at 4½ m. |
| | | GORAKHPUR | 10 | 82½ | See Route 65. |
| | | Total marches, 8 = 82½ m. | | | Country and road as above; cross the Rapti (fordable in hot weather) at 7½ m., by bridge-of-boats in dry season, by ferry in the rains. |
| | | | | | |

Route No. 272.
FROM FYZABAD TO JAUNPUR.
via AKBARPUR AND SHAHGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Fyzabad, Fyzabad. | JALALDINNAGAR | 10½ | 10½ | See Route 268. |
| | | TANDAULI | 8½ | 19 | |
| | | AHRAULI | 8½ | 27½ | |
| | | AKBARPUR | 8½ | 35½ | |
| | | SINHURPUR | 14½ | 50 | See Route 268(a). For other remarks see Route 66 |

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Jaunpur, Jaunpur. | SHAHGANGJ . . . | 13½ | 69½ | See Route 268(a). |
| | | LUPRI . . . 11,200 sq. yds. | 12 | 76½ | A village about 1 m. W. of Mari r.s.; supplies on notice; abundant good water from wells in vicinity of C-G. site for which is E. of road and near village; country as before; road metalled and bridged, suitable for all arms; pass Kheta-Saral r.s. at 6½ and Gurnini (former halting place) at 9½ m. |
| | | JAUNPUR . . . | 10 | 86½ | See Route 82. |
| | | Total marches, 8 = 86½ m. | | | Country and road as above; cross the Gumti and pass through the city at end of stage. |

Route No. 273.
FROM FYZABAD TO KHAGA RAILWAY STATION.
 via JAGDISPUR AND SALON.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | By Commr. of Solanpur, Fyzabad, Fyzabad. | BARON . . . 400 x 800 yds. | 10½ | 10½ | A small village; supplies procurable; good water, for a battn., from a well N-W. of, and (for animals) from a wheel close to C-G., which is N-W. of road and near village; country cultivated and wooded; road metalled for the first 7½ m. only, but bridged throughout and practicable for all arms; pass Ranipur at 7½ and cross the Marha nullah at 9½ m. |
| | | MULKIPUR . . . 147,270 sq. yds. | 5 | 18½ | A village; supplies procurable; good water, for a battn., from a well N-E. of C-G., which is W. of road and near village, liable to floods in the rains; country as above; road as in latter part of last stage, but subject to inundation near Mulkipur. |
| | | HULIAPUR . . . 400 x 302 yds. | 11½ | 30 | A village; supplies procurable; plentiful good water from a well W. of C-G., which is on both sides of road, and close to village; country fairly cultivated; road as before. |
| | | JAGDISPUR . . . 36,160 sq. yds. p-o. | 11 | 41 | A large village; supplies procurable; plentiful good water from a well S-E. of C-G., which is 1 m. E. of village; country and road as above; cross the Gumti at 3 m. The Lucknow-Sultanpur road (see Route 422) crosses at Jagdispur. |
| | | JALIS . . . p-o. | 14 | 55 | A town; supplies procurable; plentiful good water from 2 wells on small C-G., which is S. of road and near town; country level, open and fairly cultivated; road unmetalled, flooded and heavy in places, and unfit for heavy wheeled traffic during the rains. |
| | By Commr. of Rae-Bareilly, Rae-Bareilly. | PICHWARI . . . 280 x 180 yds. | 11 | 66 | A village; supplies procurable; abundant good water from a well E. of C-G., which is E. of road and near village; country and road as above; cross a nullah (bridged) at 1½ and pass Nasirabad (p-o.) at 6 m. |
| | | SALON . . . | 8 | 74 | See Route 26. |
| | | UMRAN . . . 29,590 sq. yds. | 10 | 84 | Country and road as in last stage; cross the Sai at 5 m., by ford in dry season, by ferry in rains. |
| | | NAUBASTA GHAT . . . | 10 | 94 | A small village; supplies procurable; plentiful good water from a well on C-G., which is E. of road and near village; country and road as above. |
| | | KNAGA RY. STN. 350 x 850 yds. p-o. b. | 11 | 105 | A village on left bank of the Ganges; supplies procurable; abundant good water from 2 wells on C-G., small site for which is near village; country and road as above, but latter becomes worse as it nears the river; cross the Allahabad-Rae-Bareilly road [see Route 26(a)] at 6½ m. and pass Mustafabad (p-o.) immediately afterwards; nullahs unfordable during the rains. |
| | Collector of Fyzabad, Fyzabad. | Total marches, 10 = 105 m. | | | A r.s. on the E. I. Ry.; supplies procurable; plentiful good water from a well on C-G., which is N. of road; country level, open and fairly cultivated; road unmetalled, but raised and bridged throughout, unfit for artillery during the rains; cross the Ganges soon after starting, by ferry (3 country boats, carrying 50 men each). |

Route No. 274.
FROM FYZABAD TO RAE-BAREILLY.
 via MOHANGANGI.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | By Commr. of Solanpur, Fyzabad, Fyzabad. | BARON . . . | 10½ | 10½ | See Route 273. |
| | | MULKIPUR . . . | 5 | 18½ | |
| | | HULIAPUR . . . | 11½ | 30 | |
| | | JAGDISPUR . . . | 11 | 41 | |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|-------------------------------|---|---|----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Oudh Dist., Lucknow. | Dy. Commr. of Rae-Bareilly, Rae-Bareilly. | MOHANGANJ p-o. | 11½ | 52½ | A large village; supplies procurable; plentiful good water from 7 wells in vicinity of C-G., small site for which is W. of road and near village; country as in last stage; road raised, but unmetalled and flooded in the rains. |
| | | DUSAUTI 220 x 200 yds. | 9 | 61½ | A village; supplies procurable; plentiful good water from a well on C-G., which is on both sides of road close to village; country as in last stage; road as above, flooded in parts, in rains, but always passable; pass Muhammadpur at 7 m. |
| | | RAE-BAREILLY | 10 | 71½ | See Route 86. |
| | | Total marches, 7 = 71½ m. | | | Country as in last stage; road as above, with the exception of the last 2 m., which are metalled; cross the Naya stream (strongly bridged) at 4 m. |
| | | | | | |

Route No. 275.
FROM FYZABAD TO TULSIPUR.
 via UTRAULA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles | Total. | |
| G. O. C Oudh District, Lucknow. | Deputy Commissioner of Gonda. Gonda. | NAWABGANJ | 6½ | 6½ | See Route 270. |
| | | BHITAULA 30,000 sq. yds. | 13½ | 10½ | A small village; supplies must be collected; good water, for a batin, from 2 wells on, and tank in vicinity of C-G., which is W. of road and close to village; country well cultivated with occasional dense jungle; road metalled for first 3 m. only, but raised and bridged throughout, unmetalled portion difficult for wheeled traffic during the rains; pass Tikri r-e. at 5½ m. |
| | | REHRA 32,000 sq. yds. | 10½ | 20½ | A small village; supplies procurable; good but limited water from a well on C-G., which is on both sides of road; country as above; road as in latter part of last stage; cross the Manwar at 8 and the Bawa at 8 m. |
| | | PAHAR 23,000 sq yds | 6 | 26½ | A small village; supplies procurable; good but limited water from wells on C-G., site for which is E. of road and near village, liable to floods during the rains; country and road as above; cross the Kohani R. (strongly bridged) at 4 m. |
| | | UTRAULA 24,000 sq. yds. p-o. b. | 7 | 33½ | A small town; supplies procurable; plentiful good water from 2 wells on C-G., site for which is W. of road; country and road as above; cross the Sonu Nadi (fordable in dry season) by a wooden bridge, fit for artillery, at 5 m. |
| | | BHUSAILWA 20,000 sq yds. | 8 | 41½ | A small village; supplies must be collected; plentiful good water from wells on, and wheels in vicinity of C-G., site for which is S-E. of and close to village, flooded in the rains; country low but well cultivated; road as above; cross the Rapti at 3 m., by bridge-of-boats in dry season, by ferry (2 boats, each carrying 80 men) in the rains, and the Sota at end of stage. |
| | | TULSIPUR | 8 | 50½ | See Route 72. |
| | | Total marches, 7 = 59½ m. | | | Country cultivated; road as above. From Tulsipur road branch off N-W. to Chaudhri Doh (22 m), E. to Pach-Perwa (14 m.), and S-W. to Balamper (18 m.). |

Route No. 276.
FROM GAUHATI TO AMRATOL.
via MANGALDAI AND UDALGURI.

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| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Kamrup, Gauhati. Deputy Commissioner of Darrang, Tezpur. | CHUTIAPARA 300 x 160 yds. p-o. b. | 11 | 11 | A village; supplies on notice; abundant good water from a tank near C-G., site for which is on bank of the Mandankuri stream and close to b.; country level, open and well cultivated; road 10 ft. wide, unmetalled but practicable for all arms; cross the Brahmaputra on starting by a steamer, and the Mandankuri (temporarily bridged) at end of stage. |
| | | DAMNIOHAUKI . | 10 | 21 | Country and roads as above; nullahs temporarily bridged, unsuitable for artillery. See Route 206. |
| | | MANGALDAI . | 16 | 37 | |
| | | POTIMARI . 100 x 100 yds. | 14 | 51 | A village; supplies on notice; indifferent water from the Mangaldai stream (dry in dry season) near village, close to which is site for C-G.; country flat, with grass jungle and cultivation here and there; road and bridges as above; pass Ramhori at 5 and Greenland tea-garden at 10 m. |
| | | UDALGURI . 180 x 180 yds. p-o. | 12 | 63 | A village; supplies procurable; good but limited water from a well outside the stockade, N. of and near which is site for C-G.; country, road, and bridges as in last stage; pass Kubarali tea-garden at 3 m. In the cold weather the Bhutias come down here to trade. |
| | | AHAIRABKHAND 180 x 180 yds. | 8 | 71 | A halting place; no supplies; good water from the Dhanuri, on bank of which is site for C-G.; country jungle with a few scattered villages and patches of cultivation; road a country track, practicable for laden ponies; cross the Dohphang (a rapid stream with stony bed) at 6½ m. by ford in dry season, impassable in the rains. |
| | | AMRATOL . | 7 | 78 | A small village in Bhutan; supplies must be collected; plentiful good water from the Trisoli stream, near which is site for C-G.; country hilly with thick jungle; road a country track, fit for ponies, leading over a steep hill, and up the bed of the Trisoli, only practicable in dry season. |
| | | Total marches, 7 = 78 m. | | | |

Route No. 277.
FROM GAUHATI TO DEOCHANG.
via MANGALDAI AND SINGHIBARIHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Kamrup, Gauhati. | CHUTIAPARA . | 11 | 11 | See Route 276. |
| | Deputy Commissioner of Darrang, Tezpur. | DAMNIOHAUKI . | 10 | 21 | For other remarks see Route 276. See Route 206. |
| | | MANGALDAI . | 16 | 37 | |
| | | PANARA . 200 x 200 yds. | 17 | 54 | A village; supplies on notice; good water from the Nonai R., near which and in fields is site for C-G.; country open and cultivated with patches of grass-jungle; road 12 ft. wide, unmetalled, passable in cold season for infantry and mountain artillery; cross the Nonai Nadi at 5 and the Nonai at 16 m., both by ford in dry season, and by ferry in rains; nullahs bridged but many of the bridges are temporary structures, and will not carry artillery. |
| | | SINGHIBARIHAT 120 x 180 yds. p-o. | 14 | 68 | A village; supplies on notice; good water from the Sukila R., and from wells in an adjoining tea-garden; site for C-G. B. of road and near village; country jungle with patches of cultivation; road and bridges as above; pass Totloguen at 11 and cross the Sukila (fordable in cold season) at 12 m.; no ferry in the rains as the river in flood is too rapid; floods, however, fall very quickly and the river would only be unfordable for 3 or 4 days at a time. |
| | | DEOCHANG . | 9 | 77 | The name of an old stockade, which no longer exists, in the midst of grass-jungle; supplies must be collected; C-G. would have to be cleared; country, jungle; road as above. |
| | | Total marches, 6 = 77 m. | | | |

Route No. 278.
FROM GAUHATI TO DIWANGIRI, on the Bhutan Frontier.
via DARANGA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Kamrup, Gauhati. | CHUTIAPARA . | 11 | 11 | See Route 276. |
| | Deputy Commissioner of Kamrup, Gauhati. | RANGVIA . 600 x 800 yds. p-o. b. | 14 | 25 | A village; supplies procurable; abundant good water from the Boruti, close to which, and near which is C-G.; country level, open and well cultivated; road 10 to 12 ft. wide, unmetalled, but practicable for infantry; pass Kamalpur at 4½ m. |
| | | TAMBULPUR . 400 x 260 yds. p-o. b. | 14 | 39 | A village; supplies procurable; abundant but indifferent water from a hill stream close to C-G., site for which is near b. and W. of road; country and road as before; all nullahs temporarily bridged. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Kamrup, Gauhati. | DARANGA 600 × 400 yds. b. | 12 | 51 | A halting place; supplies on notice; good water from the Daranga R., near which and close to b. is C-G.; country partly jungle and partly cultivation; road and nullahs as in last stage; cross the Hiatonga stream, fordable in cold weather, at 10 m. Daranga is a trading place for the Bhutias. |
| | | DIWANGIRI 200 × 100 yds. b. | 10 | 61 | A halting place on border of Bhutan; supplies on notice; good but limited water from reservoirs 1 m. from C-G., which is on a hillock, and near b.; country hilly and covered with dense jungle; road, a mere jungle footpath bordering foot of hills and very often running along bed of rivers, but practicable for infantry; nullahs fordable in cold season. |
| | | Total marches, 5 = 91 m. | | | |

Route No. 279.
FROM GAUHATI TO GOALPARA.
 via THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Goalpara, of Kamrup, Gauhati. | PALASBARI . | 14 | 14 | See Route 205. An unmetalled but shorter road branches off to Goalpara, distant 14 m. from Darangiri about 24 m. See Route 165. |
| | | CHAIGAON . | 12 | 26 | |
| | | BOKO . | 12 | 38 | |
| | | DHUPDHARA . | 10 | 48 | |
| | | DARANGIRI . | 11½ | 60½ | |
| | | KRISHNAI . | 18½ | 79½ | |
| | | AGLA . | 8½ | 81½ | |
| | | GOALPARA . | 8½ | 90 | |
| | | Total marches, 8 = 90 m. | | | |

Route No. 280.
FROM GAUHATI TO SUBANKATTA.
 via DARANGA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Kamrup, Gauhati. | CHUTIAPARA . | 11 | 11 | See Route 276. See Route 278. A small village with a small stockade; supplies on notice; good water from the Fagladia, on left bank of which, and N. of village, is site of C-G.; country hilly and sandy, with dense jungle; road (a cold weather) 12 ft. wide, unmetalled but practicable for infantry; all nullahs temporarily bridged; cross the Daranga on starting and the Fagladia at end of stage, by ford. |
| | | BANGIYA . | 14 | 25 | |
| | | TAMBULPUR . | 14 | 39 | |
| | | DARANGA . | 12 | 51 | |
| | | SUBANKATTA 1,000 × 800 yds. | 8 | 59 | |
| | | Total marches, 5 = 59 m. | | | |

Route No. 281.
FROM GAYA TO BIHAR.
 via EKANGAR-SARAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|---|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Col. of Collector Patna, of Gaya, Bankpore, Gaya. | KHIDARSARAI . | 18 | 18 | See Route 217. |
| | | ISLAMPUR . | 16½ | 34½ | |
| | | EKANGAR-SARAI 400 × 200 yds. p-o. b. | 7 | 36½ | |
| | | | | | A village; supplies on notice; good water, for a beteln., from a well in b. compound, 100 yds. S.E. of which, in a mango grove, is C-G.; country level and open; road unmetalled, but good. |

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Patna, Bankipore. | PAWALPUR . 260 × 100 yds. b. | 0 | 45½ | A village; supplies on notice; abundant good water from wells, and from the Mohan R., near bank of which, in a mango grove 100 yds. S. of village, is C-G.; country level and road as above; leave the Gaya-Patna road on starting. See Route 217(a). Country and road as above. |
| | | BIHAR . | 10 | 55½ | |
| | | Total marches, 6 = 55½ m. | | | |

Route No. 282.
FROM GAYA TO SHERGHATI.
via MATHIANI.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Patna. | MATHIANI . 260 × 200 yds. b. | 10 | 10 | A village; supplies on notice; plentiful good water from a well 50 yds. W. of C-G., which is E. of road and ½ m. S.E. of village; country level and partly cultivated; road raised, metalled, and bridged. See Route 266. Country and road as above; reach the Grand Trunk Road at Debhi at 8½, cross the Burhiya R. at 14 m., and the Murhar at end of stage. |
| | | SHERGHATI | 15 | 25 | |
| | | Total marches, 2 = 25 m. | | | |

Route No. 282(a).
FROM GAYA TO SHERGHATI.
via CHIRKI.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Patna. | CHIRKI 20,000 sq. yds. | 0 | 0 | A village; supplies on notice; plentiful good water from a well and a nullah close to C-G., which is about ½ m. N. of Chirki bazar; country cultivated; road metalled and bridged except over the Juma Nadi crossed at 5 m., by ford in dry weather, by ferry (1 small boat) in rains. See Route 266. Country as above; road unmetalled, but fair; cross the Burhiya R. at 6 m., by ford except after heavy rain, when two rafts, each carrying 10 men, are available. |
| | | SHERGHATI | 11 | 20 | |
| | | Total marches, 2 = 20 m. | | | |

Route No. 283.
FROM GHAZIPUR TO CHAPRA.
via BALIA.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Ghazipur, Ballia. | MUHAMMADABAD | 13½ | 13½ | See Route 66. |
| | | KARIMUDDINPUR 340 × 100 yds. p-o. | 9 | 23½ | A small village; supplies on notice; plentiful good water from 8 wells on, and in vicinity of C-G., which is N. of road and 1¼ m. S. of Lathudih; country level, open and cultivated; road metalled for first 2½ m. only, when the Man gal (bridged) is crossed, thence sandy in parts; pass Parva at 4½ and Bator at 8½ m. |
| | | BARAGAON 240 × 170 yds. p-o. | 10 | 32½ | A small bazar; supplies procurable; plentiful good water from a well and tank 60 yds. E. of C-G., which is 100 yds. S.E. of village; country as above; road unmetalled, sandy and bad in places, but nullahs bridged; pass Lathudih at 1½, cross the road to Parva at 3½, and pass Dehma at 5 m. |
| | | BALIA 160 × 110 yds. p-o. l-o. | 0 | 41½ | A small town on left bank of the Ganges; supplies plentiful; good water, for a battn., from a well W. of C-G., which is 100 yds. W. of town and S. of road; country as above; road metalled and in good order after the first mile; cross the Barju at 1½, by temporary bridge in cold weather, by ferry (4 boats, carrying 60 men each) in rains, pass Wyna at 5 m. and cross the Kalla (bridged) at end of stage. |
| | | HALDI 370 × 90 yds. p-o. | 10 | 51½ | A village on left bank of the Ganges; supplies rather scarce; good water, for a battn., from a well on C-G., which is in a mango grove ½ m. N. of village; country as above; road metalled for the first mile only; pass Dhanpur at 5 m. |
| | | BAIRIA 412 × 168 yds. | 12 | 63½ | A village; supplies procurable; plentiful good water from wells and a tank near C-G., which is in a mango grove ½ m. E. of village; country as above; road unmetalled and indifferent; pass Itadpur at 8 m. |
| | | SHITABDIR | 8½ | 72½ | A halting place near junction of the Gogra and Ganges; supplies must be collected; water from the river, on bank of which is site for C-G. (frequently flooded); a temporary road and other arrangements are made on notice; country and road as above, but latter a mere track towards end of stage as the bed of the Gogra is constantly changing. |
| | | | | | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---|------------------------|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Sahar, Chapr. | QUAIPA . . . | 8½ | 60½ | See Route 52. Country level and cultivated; road metalled and in good order after pusta, Rovelganj (p-o.); traverses heavy sand for a mile, when the river (unfordable) is reached; crosses by ferry (6 boats carrying 40 men each), and pass through the town of Rovelganj where a halt might be made, there being a good C-G. |
| | | Total marches, 8 = 80½ m. | | | |

Route No. 234.
FROM GHAZIPUR TO GORAKHPUR.
via DEORHI GHAT.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---|------------------------------------|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Colr. of Ghazipur, Ghazipur. | BARHI 270 x 230 yds. p-o. | 14 | 14 | A village; supplies abundant; plentiful good water from a well and tanks near C-G., which is about ½ m. E. of village, where there is another tank; country flat, open and cultivated; road metalled, metalled and bridged; cross the Banat and the Mangal at ½ m. |
| | | MAU 400 x 300 yds. p-o. t-s. b. | 14 | 28 | |
| | | GHOSI . . . | 10 | 38 | |
| | | DHANAUJI . . . | 10 | 48 | |
| | | BARNHALGANJ . . . | 2½ | 50½ | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | GAGAHA . . . | 11½ | 61½ | See Route 65. |
| | | BELIPAN . . . | 11½ | 73½ | |
| | | GORAKHPUR . . . | 12½ | 86 | |
| | | Total marches, 8 = 86 m. | | | |

Route No. 285.
FROM GHAZIPUR TO ZAMANIA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---|----------------------------------|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Ghazipur, Ghazipur. | ZAMANIA 34,968 sq. yds. p-o. t-s. r-s. | 12 | 12 | A small town on right bank of the Ganges; supplies plentiful; good water from 2 wells, and (for animals) from the river; C-G. ½ m. N. of town; country open and cultivated; road unmetalled, width 60 ft., bridged, general condition good; the Ganges is crossed by ferry at Ghazipur, any number of boats available on notice. Zamania r-s. is about ¾ m. S. of town. |
| | | Total marches, 1 = 12 m. | | | |

Route No. 286.
FROM GOLAGHAT TO JEYPORE (ASSAM).
via MORIANI AND SUPFRY.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|------------------------------------|--|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Deputy Comm.-sunder of Subagar, Subagar. | TITABAR p-o. t-s. r-s. b. | 16 | 16 | A village; supplies procurable; a bazar is held here every Sunday; plentiful good water from a large tank and a well close to b., in fields near which is extensive site for C-G. in the dry season, country level, and mostly under tea and rice cultivation; road 16 ft. wide, unmetalled, but practicable for all arms; cross the Kaledanga (bridged) about half-way and two other streams with semi-permanent bridges. A good but unmetalled road runs N. from Titabar to Jerhat, distant about 18 m., there is also a ry., or 2-ft gauge steam tramway, along the road to Jerhat. |
| | | MORIANI p-o. t-s. r-s. b. | 9 | 25 | |
| | | SELANG p-o. t-s. b. | 14 | 39 | |
| | | | | | A village on left bank of the Desoi R.; supplies plentiful; a bazar held every Sunday; abundant good water from a well near b. and from the river, in fields on bank of which is extensive site for C-G. in the dry season, country road and bridges as in last stage; cross four streams, en route. A road runs from Moriani to Jerhat, distant 18 m., also a small 2-ft. gauge ry. |
| | | | | | A village on the Jhanji R.; supplies on notice; good water from the river, on bank of which is extensive site for C-G. in dry season, though the jungle would have to be cleared; country as before; road as in last stage, except that the bridges are temporary and not capable of bearing artillery; cross the Desoi on starting, by ferry carrying 20 men, pass Dibragar at 5 and Gabra at 0 m. |

Route. No. 395. FROM KOHIMA TO MOKOKCHUNG.

253

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner, Naga Hills District, Kohima. | SIJLU RIVER | 14 | 14 | A halting place; no supplies; plentiful good water from the river, along right bank of which is limited site for C-G.; country hilly and mostly covered with tree-jungle; road, a 8-ft. unmetalled bridle-path, suitable for infantry and mountain guns; gradients in places steep; cross the Zulu R. (generally fordable) at about 10, by a strong suspension bridge; pass Sakabana at 12 m., and cross the Siju (generally fordable), at end of stage, by a strong suspension bridge. |
| | | CHESWEJUMA b. | 0½ | 23½ | A large village, elevation 5,650 ft.; supplies must be collected; plentiful good water from springs in vicinity of b., around which, or on open space in village, is site for C-G.; country cultivated hillsides until the last 3 m., which are forest and jungle; road as above; ascend for first 8 m., gradients 1 in 8 to 1 in 6 and reach the top of a ridge on which the village lies, but some 2 m. further on. |
| | | SATAZUMI b. | 11½ | 35 | A small village, elevation 5,040 ft.; supplies on notice; good water, for a bath, from a spring below b., on grassy ridges, N-E. of which is extensive site for C-G.; country covered with small jungle; road for the most part along a ridge, indifferent, narrow and liable to be broken down in heavy rains; pass Chajubama at about 5 and Yarahama at 8 m. |
| | | ZULHAMI b. | 8 | 43 | A small village, elevation 6,050 ft.; supplies limited; good water from a spring below b., and others at some distance; as the hillsides are very steep and covered with forest, the open spaces in village must be used for C-G.; country passed through is a dense forest and precipitous hillsides; no villages anywhere near; road as before; ascend for 2 m. at an easy gradient and cross a pass (6,550 ft.), then enter a dense forest. The road from here to Bataka, although level, is very bad, narrow, and liable to be cut away by slips or torrents which are unbridged or blocked by fallen trees. |
| | | KILLINASA b. | 8½ | 51½ | A small village about a mile N. of, and 600 ft. below, b., elevation 6,000 ft.; supplies scanty; plentiful good water from a stream near b.; C-G. practically none and very little open space available in village; country dense forest and precipitous hillsides; road as before; in rainy season cross 4 large torrents en route which tear up and almost close the road. |
| | | SATAKA (MOMI) b. | 19½ | 66 | One of a group of 3 small villages, generally known as Momi, elevation 5,300 ft.; supplies on notice; plentiful water from springs near b., on grassy knolls, about 600 yds. S. of which is encamping site for 2 battns.; country for first 7 m. dense forest, then steep hillsides; road as before, but better after the forest is left; cross a large torrent, by ford, except after heavy rain, and pass Killimi (a small hamlet) en route. |
| | | SUKOMI b. | 8½ | 73½ | One of a group of 4 villages, generally known as Sukomi, elevation 4,800 ft.; supplies on notice; plentiful good water from springs about 200 yds. W. of b.; encamp on open spaces in and around the village Ghukias; country covered with low scrub-jungle; road as before, but better; descend by zigzags, gradient about 1 in 10, for ½ m. to the Lanki R., ascending from there by a gradient of 1 in 8 to end of stage; the river is crossed by a temporary bridge or ford in dry season, but in the rains the bridge is swept away and the river is often unfordable for days. |
| | | EMILOMI b. | 9 | 82½ | A village, elevation 4,700 ft.; supplies procurable; plentiful good water from a large spring about 300 yds. S-E. of b., around which and in village are open spaces suitable for encampment; country steep hillsides, much cultivated, with patches here and there of scrub-jungle; road as before; descend after starting, by long zigzags, gradient about 1 in 10, to the Kileki R. at 4 m., then rise steeply for 2 m. to Sukomi, and from here to end of march at gradients of 1 in 10 and 1 in 15; for a mile up from the river the road is bad, passing along a hillside which is continually slipping; pass Letseami just before reaching Emilomi. The Kileki (about to be strongly bridged) is crossed exactly as shown at the Lanki in last stage. |
| | | CHICHEMI b. | 15½ | 98 | A village, elevation 4,200 ft.; supplies procurable; good water, scarce in dry season, from a spring 300 yds. S-E. of b., surrounding which is small site for C-G.; country for the first 7 m. cultivated, then 2 m. of forest, afterwards cultivation again; road, as before, good for 9 m., when it crosses a hillside, which often slips; it rises gently for 7 m., until it reaches the top of the watershed between the Doiang and Dikka rivers, gradients easy. |
| | | MOKOKCHUNG p-o. b. | 15½ | 113½ | A large hill village with fort, elevation 4,600 ft.; supplies procurable; plentiful good water from a large spring and tank about 350 yds. S-W. of fort, on parade ground S-E. of which is space to encamp a battn.; country grass-jungle and cultivated hillsides; road as before, gradients 1 in 8 to 1 in 12; nearly level for 5 m., passing through two small Sena villages, the one ascending, it reaches the Government main road (a well kept 7-ft. bridle-path) at ½ m. from Mokokchung; from this point the road descends easily to last mile, whence it again ascends to the fort; pass Ungma at about 1½ m. |
| | | Total marches, 10 = 113½ m. | | | |

Route No. 396. FROM KRISHNAGAR TO BAGULA RAILWAY STATION.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. | BAGULA RY. STN. p-o. | 10 | 10 | A small village on the E. D. Ry.; supplies on notice; plentiful good water from a well and tank (both nearly dry in dry season) near the r.s., between the bazar and which, or in fields E. of the ry., are sites for C-G.; country low and subject to inundation; road, 24 ft. wide, raised, metalled and passable for all arms; cross the Sidhaka Khal (bridged) at 3 and the Mastabhang or Churai at Hanebhalli ferry (2 boats, each carrying 20 men, and one carrying 4 loaded carts) at ½ m. There is a good site. (880 x 440 yds.) for encampment near the ferry, drinking water being obtainable from the river. |
| | | Total marches, 1 = 10 m. | | | |

Route No. 289. FROM GONDALH TO GORAKHPUR.

via BASTI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------------------|--|-----------|-------|--|
| Military | Civil. | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | DY. Commr. of Gondal, Gondal. | DIRZI-KA-KUA . . . | 8 | 8 | See Route 270. |
| | | WAZIRGANJ . . . | 8 | 16 | |
| | | NAWABGANJ . . . | 8 | 24 | |
| | Collector of Basti, Basti. | KALIANPUR . . . | 10½ | 34½ | Country open and cultivated; road metalled and bridged; pass Balapur at 3, Ismailpur at 6 and Belwa bazar (p-o.) at 9 m. |
| | | SIRAH . . . | 11 | 45½ | |
| | | TILOKPUR . . . | 11½ | 57 | |
| | | BASTI . . . | 0 | 63 | |
| | | MUNDERWA . . . | 13 | 76 | |
| | Collector of Gorakhpur, Gorakhpur. | KHALILABAD . . . | 10 | 86 | See Route 271. |
| | | SAHJANWA . . . | 10 | 96 | |
| | | GORAKHPUR . . . | 10 | 106 | |
| | | Total marches, 11 = 105 m. | | | For other remarks see Route 45 |

Route No. 290. FROM GONDALH TO RUDALI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|-------|--|
| Military | Civil. | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Gondal, Gondal. | DIRSIYA . . . 90,000 sq. yds. | 9 | 9 | A small village; supplies procurable; plentiful good water from 5 wells on C-G, which is in a mango grove ½ m. N. of village; country level, open and well cultivated; road unmetalled but raised and bridged, partly flooded and difficult for wheeled traffic during the rains; cross the Tehri (temporarily bridged) at 4 m., by ford in dry season, by ferry (7 boats, each carrying about 90 men) in the rains. |
| | | BEGANGANJ . . . 45,000 sq. yds. p-o. | 7½ | 16½ | |
| | | RUDALI . . . 85,560 sq. yds. p-o. r-s. | 12 | 28½ | |
| | | Total marches, 3 = 28½ m. | | | |
| | | | | | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Farrukhabad, Farrukhabad. | | | | A large village; supplies procurable; plentiful good water from 5 wells on C-G, which is W. of road, and near village; country and road as above; cross the Nawabganj-Colongganj road at 3, and the Bilal stream at 4 m. |
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| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Farrukhabad, Farrukhabad. | | | | A town; supplies procurable; plentiful good water from 3 wells near C-G, which is E. of road and close to town; country fairly cultivated; road neither metalled nor bridged; cross the Gogra at 3 m., at Kyth or Kollawar ghat, by ferry, 5 boats at the former, 3 at the latter; from Kollawar on right bank of the river, to Hayatnagar (8 m.) the road is a mere track (generally unfit for wheeled traffic), thence to Bhilwar (10½ m.) on the Fatehpur-Fyzabad road, an unmetalled cart road, and from this point to end of stage, metalled and bridged. |
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Route No. 291. FROM GONDALH TO TULSIPIR.

via BALRAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|-------|--|
| Military | Civil. | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Gondal, Gondal. | GILALI . . . 20,200 sq. yds. | 8 | 8 | A small village; supplies procurable; abundant good water from 3 wells on and others near C-G, which is close to village, sometimes flooded in the rains; country level, open and fairly cultivated; road raised, metalled and bridged practicable for all arms; cross the B. and N-W. Ry. at 3 m. |
| | | MAHARAJGANJ . . . 81,000 sq. yds. | 10 | 18 | |
| | | BALRAMPUR . . . | 9 | 27 | |
| | | MIRZAPUR . . . | 7½ | 34½ | |
| | | TULSIPIR . . . | 10½ | 45 | |
| | | Total marches, 5 = 45 m. | | | |

Route No. 291(a).
FROM GONDAH TO TULSIPIR.

167

via UTRAULA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Gondah, Gondah. | SANBARSA . 25,000 sq. yds. | 8½ | 8½ | A small village; supplies on notice; plentiful good water from 2 wells S. of C-G., which is E. of road and near village, flooded during the rains; country low and generally well cultivated, but jungly in parts; road raised, metalled bridged and practicable for all arms; cross the B. and N-W. Ry. at 8 m. |
| | | SRINAGAR . 50,000 sq. yds. p-o. | 9 | 17½ | A small village; supplies on notice; plentiful good water from a well near C-G., which is E. of road and near village; country and road as above; cross the Binau R. at 7½ m. |
| | | CHAMRUPUR . 45,000 sq. yds. | 9 | 26½ | A small village; supplies on notice; good water, for a battn., from a well on C-G., which is on both sides of road, and close to village; country as before; road raised, bridged, but unmetalled, liable to floods, though usually fit for traffic of all kinds; cross the Kohani R. at 4 m. |
| | | UTRAULA . | 5½ | 31½ | Country and road as above; from here a road branches off N-W. to Balrampur, distant 17 m. See Route 276. |
| | | BHUSAILWA . | 8 | 39½ | |
| | | TULSIPIR . | 8 | 47½ | For other remarks see Route 72. |
| | | Total marches, 6 = 47½ m. | | | |

Route No. 292.

FROM GOONA TO NASIRABAD as far as KOTAH (for remainder see Bombay Route Book No. 246).

via CHHABRA AND SANGOD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkand District, Agra. | Resident at Gwalior, Gwalior, Deoli. | DHARNAUDA . p-o. r-s. | 15 | 15 | A village with an old fort; supplies procurable; good water, for a battn., from wells near C-G., extensive site for which is about ½ m. from village; country level, and for the most part cultivated; road unmetalled, good for first 5 m., thence stony and rough, but practicable for carts, except in rains; pass Garha at 7 and Muradpur at 12 m. |
| | | BHOLAUN . 220 x 120 yds. r-s. | 8½ | 23½ | A village ½ m. from road; supplies procurable; plentiful good water from wells, and (for animals) from the Belli stream, near which, E. of r-s. and just S. of village, is site for C-G.; country cultivated, with low hills; road a good country track; cross the Parbati R. at 2 m. by ford, except after heavy rain. |
| | | CHHABRA . p-o. r-s. | 9 | 32½ | A walled town with a hill fort; supplies procurable; plentiful good water from wells, and (for animals) from the Retri close to C-G., which is E. of and near town; country and road as in last stage, but latter bad after the first 3 m.; pass Bindarara at 4 m. |
| | | KANDI . 17,000 sq. yds. | 12½ | 45 | A village, situated N. of a small range of hills; supplies procurable; plentiful good water from 4 wells near, and (for animals) from a tank ½ m. S-W. of C-G., site for which is N-E. of and close to village; country undulating and cultivated, road unmetalled, but good and level; pass Richra at 2½, Khopur at 5, cross the Andheri R. soon afterwards by ford, except after heavy rain, and pass Molins at 8 m. |
| | | SAKATPUR . 225 x 100 yds. | 12 | 57 | A village; supplies procurable; plentiful good water from 4 wells near C-G., site for which is S. of road and opposite village; country at first low, scrub-jungle, with patches of cultivation, afterwards well cultivated; road covered with sand for first 1½ m., thence a good made road is met; pass Kharkhara at 5 and cross the Perwan R. at 7 m., by causeway, except after heavy rain. |
| | Political Agent, Kotah, Kotah. | DOPAWAR . 180 x 180 yds. | 9 | 66 | A large village; supplies procurable; plentiful good water from 6 wells near C-G., site for which is W. of road and opposite village; country undulating with partial cultivation; road as in latter part of last stage; nullahs fordable; pass Dihani at 4½ m. |
| | | SANGOD . 60,000 sq. yds. | 9½ | 75½ | A large walled town; supplies abundant; plentiful good water from 5 wells in vicinity of C-G., site for which is ½ m. before reaching town; country flat and fairly cultivated; road as above, but sandy towards end of stage; nullahs fordable; pass Kamodar at 4½ m. |
| | | KHAJURI . | 15 | 90½ | A village; supplies procurable; plentiful good water from wells in vicinity of C-G., extensive site for which is S. and W. of village; country as before; road as above for first 5½ m., thence a mere cart track; pass Ganahera at 5, cross the Kali Sind immediately afterwards, by ford in dry season, by ferry, carrying 30 men, in rains, and pass Rajpura at 12 m. |
| | | KETHON . 200 x 100 yds. | 11½ | 102 | A town; supplies procurable; plentiful good water from wells and a nullah near C-G., site for which is ½ m. E. of town; country as above; road unmetalled, but fair; pass Arandkhara at 2½ and Bhagwanpura at 6½ m. |
| | | KOTAH . 50,000 sq. yds. p-o. t-s. | 9½ | 111½ | A large walled city on right bank of the Chhambal R.; supplies abundant; plentiful good water from 4 wells close to C-G., site for which is 1 m. from the Agency and N. of road; country level and sparsely cultivated; road bad and very narrow in parts, only just passable for country carts as far as Deoli (5½ m.), where a good made road is met; nullahs fordable; pass Borkhara at 7 m. |
| | | Total marches, 10 = 111½ m. | | | |

FROM GOONA TO NEEMUCH as far as TEHLA (for remainder see Bombay Route.
Book No. 293).

and CHHABRA AND JHALRAPATAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resd. at Gwalior. | DHARNAUDA . | 15 | 16 | See Route 292. |
| | Vol. Agent, Tonk and Harwar, Doodh. | BHOLAUN . | 8½ | 24½ | |
| | | CHHABRA . | 9 | 32½ | |
| | | DAROD (CHITPA) . | 9½ | 42½ | |
| | Pol. Agent, Kotah, Kotah. | SARTHAL . | 12½ | 54½ | A large village; supplies procurable; plentiful good water from wells near C-G, small site for which is close to village; country sparsely cultivated, and mostly low jungle; road 20 ft. wide and good, crosses two small ranges of hills in latter half of stage; pass Bhanda at 6½ and Kalpi at 8 m. |
| | Political Agent, Kotah, Kotah. | ANETA 280 × 150 yds. | 16½ | 70 | A small village; supplies procurable; plentiful good water from 4 wells in vicinity of C-G, site for which is S. of road, just before reaching village; country cultivated with patches of jungle and low hills on either side; road as above; cross the Parwan R. (impassable for a few days in rains) at 4, by causeway, pass Allera at 6½, and cross the Ghar (fordable except after heavy rain) at 11½ m. |
| | Political Agent, Jhalwar, Jhalrapatan. | ASNAUR 290 × 150 yds. | 8½ | 78½ | A village; supplies procurable; plentiful good water from 2 wells close to, and (for animals) from the Ujir stream, ½ m. W. of C-G, site for which is W. of road, just before reaching village; country cultivated with thick jungle in places and low hills; road as before; pass Dongargan at 4½, and Talwara at 6½ m. |
| | | JHALRAPATAN p-o. r-s. | 10½ | 89½ | A large walled town, capital of the Jhalwar State, with hill fort commanding it; supplies abundant; plentiful good water from wells near C-G, site for which is ½ m. off road; country mostly cultivated; road as before; pass Ropana at 6½, cross the Rahr. Sind R. at 6, by causeway in dry season, by ferry in rains, and pass Bagdar at 8½ m. |
| | Political Agent, Kotah, Kotah. | BILWARA . | 8½ | 98½ | A village on both banks of the Ahn; supplies must be collected; plentiful good water from 6 wells near C-G, site for which is opposite village and about 400 yds. from the river, where animals might be watered; country and road as in last stage; pass Lalait at 3½ and Binpania at 5½ m. |
| | Political Agent, Western Malwa. | OSARA . 100 × 80 yds. | 9½ | 107½ | A village; supplies must be collected; plentiful good water from 8 wells near C-G, site for which is S. of and close to village; country and road as before; cross the Ahn on starting by causeway impossible for a few days in rains, pass Pipila at 3 and Kalakheri at 5½ m. |
| | | BHANPURA 200 × 80 yds. | 9½ | 117½ | A large walled town; supplies abundant; plentiful good water from 4 wells and a nullah near C-G, site for which is E. of and near town; country and road as above; pass Osara at 4 and Numbhar at 6 m.; at this point the road skirts side of high scarp hill. |
| | | TEHLA . | 10½ | 128 | A small village about 1 m. from right bank of the Chambal R.; supplies must be collected; plentiful good water from wells in vicinity of C-G, site for which is near village; country cultivated for 6 m., thence waste open land; road as above; pass Sandarpur at 2½, Kaunla at 6, and Dabra at 10 m.; cross several nullahs en route. |
| | | Total marches, 12 = 128 m. | | | |

Route No. 294.

FROM GORAKHPUR TO CHAPRA.

and GAURIBAZAR, SALEMPUR, AND MANJHI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | ADA-MOTIRAM . | 10 | 10 | A village; supplies procurable; good water, for a batn., from a well W. of C-G, small site for which is N. of road and near village; country partly wooded and cultivated; forest from 5½ to 8½ m.; road raised, bridged but unmetalled, flooded and unfit for traffic during the rains, runs parallel to the B. and N.W. Ry.; cross an arm of the Ramganga Tal (bridge would not bear heavy traffic) on starting; the Talwa (temporarily bridged) at 6 and the Paron nullah at 8 m.; this nullah is difficult to cross as it is only fordable when the stream falls to 2 or 3 ft., and the bed is soft. |
| | | GAURIBAZAR 14,600 sq. yds. p-o. r-s. | 11½ | 21½ | A village; supplies procurable; good, but limited water from a well E. of C-G, site for which is N. of road, and near village; country and road as above; pass Chauri-Chauri r-s. at 6 m., and cross the Maghane stream at 10 m. |
| | | DEORIA 48,600 sq. yds. p-o. r-s. b. | 10½ | 32 | A large village; supplies plentiful; good water, for a batn., from a well and tank on C-G, which is W. of road and near village; country and road as above; cross the Natka (strongly bridged) at 2½, and the Harwan nullah (temporary wooden bridge during the rains) at 6 m.; the bed of the latter is soft and unsafe, when there is more than 2 or 3 ft. of water. |
| | | MUSAILA 48,370 sq. yds. | 11 | 43 | A small village; supplies procurable; good water, for a batn., from a well on C-G, which is near village; country as before; road as above, but very heavy in parts and nullahs fordable only during the dry season; pass Porain Mishari at 4½ m. |
| | | SALEMPUR . 16,275 sq. yds. p-o. | 8 | 51 | A village near right bank of the Chota Gandak; supplies procurable; good water, for a batn., from a well on C-G, site for which is S. of and close to village; country and road as in last stage; pass Porain at 2 m. |

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | GUTHNI 10,710 sq. yds. | 11 | 62 | A small town on left bank of the Chota Gandak, near its confluence with the Gogra; supplies on notice; good water, for a battn., from 2 wells 130 yds. W. of C-G., site for which is E. of road and about $\frac{1}{2}$ m. S-E. of the bazar; country cultivated; road unmetalled but raised and tolerably good in dry season; cross the Chota Gandak at end of stage, by ferry carrying 30 men; bridge-of-boats can be made on notice. |
| | | DARAULI | 9 | 71 | |
| | | RAGHUNATHPUR | 11 | 82 | Country swampy in places; road runs near left bank of the Gogra, tolerable in the dry season, but bad for wheeled traffic during the rains, as it is unmetalled and unbridged. |
| | | SISAWAN | 9 | 91 | |
| | | MANJHI | 14 | 105 | See Route 63. |
| | | CHAPRA | 11 | 116 | |
| | | Total marches, 11 = 116 m. | | | For other remarks see Route 62. |

Route No. 294(a).
FROM GORAKHPUR TO CHAPRA.
via KASIA AND SIWAN.

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | JAGDISPUR 185 x 160 yds. | 10 | 10 | A village; supplies procurable; good water, for a battn., from a well on the ground and (for animals) from the Pharend stream, on the right bank of which is C-G.; country mostly forest; road partly raised and bridged, metalled to 4th milestone, 40 to 60 ft. wide, difficult for wheeled traffic in the rains; cross the Ramgarh Tal (bridged, but weakly so) at 8 and the Tara nullah (iron bridge, passable for artillery) at 8 m. |
| | | BHAGNATH p.o. | 13 | 23 | A large village; supplies procurable; good water from 3 wells in the village; small C-G. in a garden $\frac{1}{2}$ m. W. of liata; country and road as in last stage; cross the Pharend on leaving camp, weakly bridged. |
| | | KASIA 10,300 sq. yds. p.o. t-s. b. | 11 | 34 | A village; supplies procurable; good water from 2 wells at the N-E. corner of C-G., which is S. of road; country and road as in last stage; cross the Chota Gandak at $\frac{1}{2}$ m., fordable, except in rains, when there is a ferry, also cross a nullah (ferry, one small boat, in rains). |
| | | KAZIPUR (FAZILNAGAR) 230 x 170 yds. p.o. | 11 | 45 | A village; supplies on notice; limited supply of good water from a well near S-W. corner of C-G.; country and road as before; cross the Kuma nullah at 6 m., by ford in dry season, by ferry (1 small boat carrying 5 men) in rains. |
| | | BHAGIPATI 59,600 sq. yds. | 5 | 50 | A village; supplies on notice; good water, for a battn., from 2 wells close to C-G., which is $\frac{1}{2}$ m. W. of village; country wooded and cultivated; road bridged, but unmetalled; cross the Kuma nullah at $\frac{1}{2}$ m. |
| | | BUTHUA 30,260 sq. yds. | 12 | 62 | A village; supplies on notice; good water from 2 wells and a tank in vicinity of C-G., which is $\frac{1}{2}$ m. S-E. of village; country and road as in last stage; cross the Seahi R. at 6, fordable in all weather, and the Jumbi R. at 9 m., the latter has a temporary wooden bridge, passable only for foot passengers; guns and carts would cross by a bridge-of-boats constructed on notice. |
| | | MIRGANJ p.o. | 11 | 73 | A village; supplies procurable; good water from wells in proximity of C-G., small site for which is $\frac{1}{2}$ m. W. of village; road unmetalled, but bridged and in good order. |
| | | SIWAN 16,240 sq. yds. p.o. t-s. r-s. b. | 11 | 84 | A small town; supplies plentiful; good water from 2 wells close by C-G., which is $\frac{1}{2}$ m. from bazar; country level, open and fairly cultivated; road metalled and bridged, very good in dry weather; cross the Daba R. (bridged) en route. |
| | | SONAPUR 12,800 sq. yds. | 8 | 92 | A village; supplies on notice; water from 2 wells close by C-G., site for which is $\frac{1}{2}$ m. W. of Pehrulhi r-s.; country as before; road for first 2 m. metalled and bridged, remainder unmetalled. |
| | | EKMA 165 x 100 yds. p.o. t-s. b. | 10 | 102 | A village; supplies procurable; abundant good water from a well near C-G., latter being $\frac{1}{2}$ m. from r-s.; road unmetalled, but bridged and tolerably good in dry weather. |
| | | BANWAR | 8 | 110 | A small village; supplies must be collected; abundant water from a well close to C-G., small site for which is at 12th mile of the Chapra-Siwan road; country fairly cultivated; road as in last stage. |
| | | CHAPRA | 14 | 124 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | Total marches, 12 = 124½ m. | | | See Route 63. Road, bridged throughout, unmetalled as far as Revilganj, 8½ m. from Chapra. |

Route No. 295.
FROM GORAKHPUR TO MUZAFFARPUR.
via KASIA, SIWAN AND BASANTPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS |
|---|--|--|-----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Col. of Gorakhpur, Gorakhpur. | JAGDISPUR . | 10 | 10 | See Route 294(a). |
| | | BHAGNATH . | 13 | 23 | |
| | | KASIA . | 11 | 34 | |
| | | KAZIPUR (FAZILNAGAR). | 11 | 45 | |
| | | BHAGIPATI . | 5 | 50 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Sana, Chapra. | BUTHUA . | 13 | 62 | A village; supplies on notice from Maharn[an]j; abundant good water from a well on C-G, which is in a mango grove 1 m. N-W. of village; country open, level and well cultivated; road unmetalled, but good and passable for all arms; cross the Ganduki Nadi (bridged) near end of stage. |
| | | MIRGANJ . | 11 | 73 | |
| | | SIWAN . | 11 | 84 | |
| | | SESAIPUR (DALLIAH) 14,370 sq. yds. | 10½ | 94½ | |
| | | BASANTPUR 115 × 100 yds. | 9½ | 104½ | |
| | Collector of West Tirhut, Muzaffarpur. | MASHRAK 185 × 100 yds p-o b. | 10½ | 115 | A village; supplies on notice; good water, for 600 men, from 2 wells, one on the ground and the other 200 yds. W. of main road; C-G. ½ m. W. of thana country and road as above. |
| | | SOHAGPUR . | 9 | 124 | |
| | | BAKRA . | 10½ | 134½ | |
| | | MARWAN . | 12 | 146½ | |
| | | MUZAFFARPUR . | 8½ | 155½ | |
| | | Total marches, 15 = 155½ m. | | | A village on left bank of the Gandak R., supplies to be collected; abundant good water from 2 wells 60 yds. E. of C-G, small site for which is near the 35½ mile-stone on the Dinwarrh-Sohagpur road; country as above; road unmetalled and only partially bridged; cross the Gandak at end of stage 3 boats, carrying 60 men and 1 carrying 20 men, are available. |
| | | | | | |
| | | | | | Country and road as above. |
| | | | | | |
| | | | | | See Route 157. |
| | | | | | |

Route No. 296.
FROM GORAKHPUR TO B GOWLIE.
via KASIA AND PIPRA GHAT.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS |
|---|------------------------------------|--|-----------|-------|--|
| Military | Civil. | | Miles | Total | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | JAGDISPUR . | 10 | 10 | See Route 294(a). |
| | | BHAGNATH . | 13 | 23 | |
| | | KASIA . | 11 | 34 | |
| | | KAZIPUR (FAZILNAGAR). | 11 | 45 | |
| | | TANKOTI 880 × 160 yds. p-o. | 8 | 53 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Champaran, Mithila. | PIPRA GHAT . | 13 | 66 | A moderate-sized village; supplies on notice; good water, for a battn, from a well and tank in vicinity of C-G., extensive site for which is 1 m. S-E. of ghat; country open and well cultivated; road as above; cross the Gandak (2½ m. from bank to bank) towards end of stage, by ferry carrying 160 men. |
| | | BETIAH 710 × 110 yds. p-o to t-s. | 11 | 77 | |
| | | MAJHAULIA STN. 710 × 110 yds. p-o. | 8 | 85 | A large town; supplies abundant; plentiful good water from wells on, and tanks near C-G, which is 200 yds. N. of village; country open, and well cultivated, road raised and bridged, but unmetalled. |
| | | SEGOWLIE . | 8 | 93 | |
| | | Total marches, 9 = 93 m. | | | See Route 220. Country and road as above. |
| | | | | | |

Route No. 296(a).
FROM GORAKHPUR TO SEGOWLIE.
via PADRAUNA AND BAGAHA.

191

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | PIPRAICHI . . . 173,126 sq. yds. p-o. b. | 11½ | 11½ | A village; supplies procurable; plentiful good water from 2 wells and a stream, on right bank of which, opposite village, is C-G.; country mostly fertile; road raised and bridged, but unmetalled and unfit for heavy wheeled traffic during the rains; cross the Jura nullah at 6 and the Kapura at 11 m. by temporary bridges, which are unsafe for artillery. |
| | | KAPTANGANJ . . . 176,180 sq. yds. | 14 | 25½ | A small village; supplies procurable; plentiful good water from a well on C-G., which is near the Chota Gandak; country and road as above; cross a stream at 11 m. by a temporary bridge and the Gandak R. en route by one small boat, carrying 8 persons. |
| | | HANKOLA . . . 214,460 sq. yds. | 8 | 33½ | A large village; supplies procurable; indifferent limited water from a well on C-G., which is in a grove N. of road; country and road as above; cross the Chota Gandak at 2, by ford in dry season, by ferry (1 boat) in the rains, and pass Bagla at 3½ m. |
| | | PADRAUNA . . . 167,640 sq. yds. p-o. t-s. | 8 | 41½ | A large village; supplies procurable; good water, for a battn., from a well on C-G., which is S. of road, and near village; country and road as above; pass Chanderpur at 5½ m. |
| | | MADHUBAN . . . 250 × 160 yds. p-o. | 11 | 52½ | A village; supplies on notice; good water, for a battn., from wells near C-G., which is W. of, and close to village; country as above for first 5 m., thence covered with jungle; road raised and bridged, but unmetalled and much intersected by water-courses; cross the Gandak at 4 m. by ferry, 2 boats carrying 80 men each. |
| | Collector of Champawan, Motihari. | BAGAHA . . . 290 × 250 yds. p-o. | 6 | 58½ | A large straggling village near left bank of the Gandak; supplies on notice; good water, for a battn., from 2 wells 100 yds. S. of C-G., which is S-E. of village and N. of road; country as above; road, a cart track, very heavy near the river; cross the Gandak at end of stage, by ferry, one boat carrying 100 men. |
| | | RUTWAL . . . | 9 | 67½ | A village near left bank of the Gandak; supplies on notice; plentiful good water from wells and the river, close to which is confined site for C-G.; country as before; road a mere track, running parallel to the high bank of the river; cross a nullah (difficult in rains) at 2½ m. and pass Rajwara soon afterwards. |
| | | MUGHGAON . . . 370 × 140 yds. | 16 | 82½ | A large straggling village; supplies on notice; plentiful good water, in cold season, from 2 wells on and near C-G., which is N-E. of road and close to village; country as before; road very fair; pass Siara at 9 m. |
| | | BETLIAH . . . | 10 | 92½ | Country open and well cultivated; road as above. |
| | | MAJHAULIA . . . | 8 | 100½ | |
| | | SEGOWLIE . . . | 8 | 108½ | For other remarks see Route 293. |
| Total marches, 11 = 108½ m. | | | | | |

Route No. 297.
FROM GORAKHPUR TO SULTANPUR.
via TANDA AND AKBARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Gorakhpur, Gorakhpur. | SAHJANWA . . . | 10 | 10 | See Route 271. |
| | | KHALILABAD . . . | 10 | 20 | |
| | | MUNDERWA . . . | 10 | 30 | |
| | | GHAIGHAT . . . | 13 | 43 | A large bazar; supplies procurable; plentiful good water from wells in vicinity of C-G., site for which is in a mango grove near road; country a mere swamp, with rice fields all the way; road unmetalled and unbridged, impassable for wheeled traffic at all times owing to floods and unbridged nullahs. |
| | Collector of Basti, Gorakhpur, Basti. | TANDA . . . 73,320 sq. yds. p-o. t-s. | 7 | 50 | A town, situated about 2 m. from right bank of the Gogra; supplies abundant; good water from the river, and a well on C-G., which is N-E. of road, and near town; country partially cultivated; road unmetalled, but raised, bridged and fit for all arms; cross the Gogra at end of stage, by ferry of 7 boats, only one of which can carry heavily laden carts. |
| | | AKBARPUR . . . | 12 | 62 | See Route 268. |
| | | SARAIHRI . . . | 10 | 72 | Country cultivated and well wooded; road raised, metalled and bridged, fit for all arms; cross the Tirwa nullah at 4 m., and the O. and R. Ry. by a level crossing at end of stage. |
| | | PIDHI . . . 300 × 300 yds. | 8 | 80 | A large village; supplies must be collected; plentiful good water from a large well on, and others near C-G., which is S. of road and near village; country partly cultivated; road as in last stage, but low and winding in places. |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Fyzabad, Fyzabad. | SULTANPUR . . . | 10 | 90 | See Route 31. |
| | | Total marches, 9 = 96 m. | | | Country and road as above; pass Gidaura at 4½ and Sultanpur at 14 m.; cross the Gogra towards end of stage, by a wooden bridge, which can bear heavy vehicles singly. |

Route No. 298.
FROM GUJRANWALA TO EDWARDESABAD.
via RAMNAGAR, MIANI, TALAGANG AND KALABAGH.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCES. | | REMARKS. | |
|---|--------|--|---|--------|----------|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | | Dy. Commr. of Gujranwala, Gujranwala. | KILASKI . . . | 11½ | 11½ | A village; supplies on notice; plentiful good water from wells within 100 yds. of village, near which is extensive site for C-G.; country level, open and partially cultivated; road 80 ft. wide, unmetalled, but fair and practicable for all arms; cross the Khilri stream at 10½ m. |
| | | Dy. Commr. of Gujranwala, Gujranwala. | RAMNAGAR . . . 29,870 sq. yds. p-o t-t. | 15½ | 27 | A small town near left bank of the Chenab R.; supplies procurable; plentiful good water from wells close to C-G., which is E. of and close to town; country and road as before; cross the Chenab canal (bridge) at 11 m. |
| | | | RANMAL . . . | 6½ | 82½ | A small village; supplies on notice; plentiful good water from wells near C-G. site for which is in fields close to the village; country and road as before; cross the Chenab at 3 m. by ferry. |
| | | Dy. Commr. of Gujrat, Gujrat. | PHALIA . . . p-o | 10 | 42½ | A large village; supplies on notice; plentiful good water from wells close to C-G. site for which is in fields near village; country and road as above; cross the Badli stream at 6½ m., difficult after heavy rains. |
| | | | KUTHIALA-SHEKHAN. p-o b | 9½ | 52½ | A large village; supplies on notice; plentiful good water from a well near C-G. site for which is in fields close to village; country and road as before. |
| | | Dy. Commr. of Shahpur, Shahpur. | KATHIALA MIANI. 80,000 sq. yds. b. | 10½ | 62½ | A village; supplies on notice; plentiful good water from wells close to C-G., which is ½ m. W. of village; country and road as before; pass Gohar at 5½ m. |
| | | | MIANI . . . | 13 | 71½ | Country well cultivated; road as above See Route 7 (a). |
| | | Dy. Commr. of Jhelum, Jhelum. | PIND-DADAN-KHAN. | 7½ | 82 | |
| | | | CHOVA-SAITDAN-SHAH | 16½ | 96½ | |
| | | | DALLUPUR . . . | 9 | 104½ | |
| | | Deputy Commissioner of Jhelum, Jhelum. | KALAR-KAHAR . . . 49,400 sq. yds. p-o. | 9 | 119½ | A small village; supplies on notice; plentiful good water from a stream ½ m. from C-G., site for which is on N. side of a lake (water undrinkable); country, an open pass through low hills; road as above; pass Khardar at 3 m. |
| | | | BHIRPUR . . . | 9 | 122½ | A small village; supplies on notice; good but limited water from a spring in bed of nullah 1½ m. N-W. of village, near which is site for C-G.; country fertile, sected by ravines; road as above. |
| | | | TALAGANG . . . | 11 | 133½ | See Route 7. Country undulating and rather sandy; road as above; cross the Gabir nullah (impassable in the rains) at 6½ m. |
| | | | SINGWALA . . . 88,720 sq. yds. | 11½ | 144½ | A small village; supplies on notice; good, but very limited, water from the nullah S. of and close to village, near which is site for C-G.; country and road as above; pass Akwal at 3½ m. |
| | | Deputy Commissioner of Bannu, Edwardesabad. | TAMMAN . . . p-o. b. | 8 | 152½ | A large village; supplies plentiful; abundant good water from wells and the bed of the Ankur stream, on left bank of which and near village is site for C-G.; country and road as above; cross the Ankur stream (bed sandy and heavy) at end of stage. |
| | | | SHAH MUHAMMAD WALA. | 12 | 164½ | Country flat, but intersected by ravines; road as above; cross a nullah (difficult for carts) at end of stage. |
| | | | NIKI . . . | 10 | 174½ | |
| | | | MARI . . . | 17 | 191½ | |
| | | | KALABAGH . . . | 3 | 194½ | See Route 4. |
| | | | KAMARMASHANI | 14½ | 209½ | |
| | | | IBAKHEL . . . | 14 | 223½ | |
| | | | DARRA TANG . . . | 8 | 230½ | |
| | | | LAKI . . . | 16½ | 247½ | |
| | | | NAURANG SARAI. | 15 | 262½ | |
| | | | EDWARDESABAD . . . | 16 | 278½ | |
| | | | Total marches, 25 = | | | |
| | | | 278½ m. | | | |
| G. O. C. Punjab Frontier Force, Abbottabad. | | | | | | |

Route No. 299.
FROM GUJRANWALA TO JIANG.
via JALALPUR, PINDI-BHATIAN AND CHINIOT.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | Distances. | | REMARKS. |
|---|---------------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Gujranwala, Gujranwala. | KILA-DIDAR-SINGH p-o. | 9½ | 9½ | A small municipal town; supplies on notice; plentiful good water from wells within 100 yds. of C.G.; extensive site for which is near village; country level, open and partially cultivated; road metalled and suitable for all arms. |
| | | BADDOKE-GUSAIN p-o. | 8 | 17½ | A village; supplies on notice; plentiful good water from wells within 100 yds. of village, near which is extensive site for C.G.; country and road as above. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | | Deputy Commissioner of Gujranwala, Gujranwala. | | | |
| | | HAFAZABAD 54,030 sq. yds. p-o. r-s. | 13 | 30½ | A large village; supplies procurable; plentiful good water from wells near village, E. of, and close to which is C-G.; country and road as before; pass Mangat at 7½ m.; country as above; road 50 ft. wide, unmetalled, but suitable for all arms. There is another route from Kila-Didar-Singh to Hafizabad, called the new road, which makes the following stages:— Dera Dandhu Ram 9 m. Hafizabad 10 " 19 m. |
| | | JALALPUR . 114,810 sq. yds. p-o. | 18 | 48½ | A small town; supplies procurable; plentiful good water from a well on, and others near C-G., which is W. of and close to town; country and road as above; pass Rampur at 13 m. and join the Wazirabad-Jhang road at end of stage. |
| | | FINDI-BHATIAN . 115,210 sq. yds. p-o. | 18½ | 68½ | A small town; supplies procurable; plentiful good water from a well on, and from others near C-G., which is W. of town and road; country and road as above; cross a nullah (bridged) at end of stage. |
| | | SHEKHAN . 390 × 370 yds. | 10 | 78½ | A village; supplies on notice; plentiful good water from a well W. of C-G., which is about 2 m. N-E. of village; country well cultivated; road 50 ft. wide, unmetalled, but fair and suitable for all arms, though sandy in parts; pass Badar Ali at 6 m. |
| | | CHINIOT . 410 × 390 yds. p-o t-s. b. | 12 | 84½ | An old town; supplies abundant; plentiful good water from 3 wells on C-G., which is N-E. of, and close to town; country and road as above. |
| | | BURKHARI . 396 × 338 yds. | 9½ | 89½ | A village; supplies on notice; plentiful good water from a well N. of C-G., which is E. of and close to village; country and road as above; pass Rasida at 6½ m. |
| | | BHAWANA . 450 × 380 yds. p-o. b. | 14½ | 107½ | A large village; supplies on notice; plentiful good water from a well on C-G., which is W. of and near village; country open with cultivation to the W., desert and jungle to the E.; road as above; pass Barkhurdar at 10½ m. |
| | | KHIWA . 400 × 390 yds. b. | 14 | 121½ | A village; supplies on notice; plentiful good water from a well W. of C-G., which is N-E. of and close to village; country open, with thin jungle and partial cultivation; road as above. |
| | | JHANG . p-o. t-s. b. | 16½ | 137 | A small civil stn. about 2 m. from left bank of the Chenab; supplies abundant; plentiful good water from a well on C-G., small site for which is S. of town; country and road as above; pass one well en route. |
| | | Total marches, 11 = 187 m. | | | |

Route No. 300.
FROM GUJRAINWALA TO MONTGOMERY.
via SHEKHUPURA, SAYADWALA AND GUGERA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | | Dr. Commr. of Gujranwala, Gujranwala. | | | |
| | | MAJJU CHAK . b. | 17 | 17 | A small village; supplies on notice; plentiful good water from wells 100 yds. from village, near which, on cultivated land, is site for C-G.; country level, open and cultivated; road 60 ft. wide, unmetalled, but fair and suitable for all arms; pass Murliwala at 7 m. |
| | | SHEKHUPURA . 37,230 sq. yds. p-o. b. | 10 | 33 | A small town; supplies procurable; abundant good water from wells, one on, and others in vicinity of C-G., which is S-E. of and near town; country open and partially cultivated; road as above; pass Begpur at 7 m. There is a metalled road from Shekhupura to Lahore, distant 22 m. |
| | | MORANPUR . | 13 | 46 | A village; supplies on notice; plentiful good water from a well close to village, in vicinity of which is ample site for C-G.; country as before; no distinct road, it being overgrown with jungle, but practicable for all arms. |
| | | MANGTANWALA . p-o. | 12½ | 58½ | A village; supplies on notice; plentiful good water from a well near C-G., site for which is close to village; country and road as above; cross the Dug at 6½ m., by ford in dry season by boat in rains, no regular ferry. |
| | | BUCHEKE . p-o. | 12½ | 71 | A large village; supplies on notice; plentiful, but indifferent, water from wells all round village, E. of which is site for C-G.; country low with rice cultivation; road unmetalled, but fit for all arms. |
| | | SAYADWALA . p-o. | 17 | 88 | A small town; supplies plentiful; abundant good water from wells close to town; site for C-G. near police stn.; country and road as above; pass Landaghar at 7 m. |
| | | JANDRAKA . p-o. | 5 | 93 | A large village; supplies on notice; plentiful good water from adjacent wells; site for C-G. near p-o.; country jungle with occasional cultivation; road as above; cross the Ravi about half-way, by ferry, one boat carrying 80 men, and other boats obtainable. |
| | | GUGERA . p-o. b. | 10 | 103 | Formerly a small civil stn.; supplies on notice; plentiful good water from wells near b., close to which and 2 m. E. of village is site for C-G.; country and road as above; pass Ferat at 2½ m. |
| | | AKBAR . | 8 | 109 | Country jungle; road as before. |
| G. O. C. Lahore District, Mean Meer. | | Dr. Commr. of Montgomery, Montgomery. | | | |
| | | KAURA SHAH . | 10 | 119 | } See Route 257. |
| | | MONTGOMERY . | 10 | 129 | |
| | | Total marches, 11 = 129 m. | | | |

Route No. 301.
FROM GUJRAT TO MONTGOMERY.
via RAMNAGAR, HAFIZABAD AND GUGERA.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|---|--|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawl Pindi District, Rawl Pindi. | Deputy Commissioner of Gujrat, Gujrat | KUNJAH . p-o | 8 | 8 | A small town; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is in fields near town; country level, open and well cultivated, road 30 ft wide, unmetalled, but suitable for wheeled traffic; cross the sandy bed of the Dhimbar stream (heavy in rain) at 8 m. |
| | | JOKALIAN . p-o | 14 | 22 | A village near right bank of the Chenab; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is in fields near village; country and road as in last stage; pass Maggonwal (p-o) at 5 m. |
| | | RAMNAGAR . | 7 | 29 | See Route 298. Country and road as before; cross the Chenab R. soon after starting by ferry. |
| | | GAJARGOLA . r-s | 11 | 40 | A small village; supplies on notice; abundant good water from wells within 100 yds of village, near which is site for large C-G; country and road as before; pass Aladgaish at 6½ m. The r-s is 2 m S.E. of village. |
| | | HAFIZABAD . | 10 | 50 | See Route 299. Country and road as before |
| | | KHANGAIH . DOGRAN . 122,160 sq. yds. p-o t-s | 18 | 68 | A village, supplies on notice, abundant good water from wells in vicinity of C-G, which is S-W of and close to village; country partially cultivated; road unmetalled, but bridged and suitable for all arms, pass Lakhyan at 5½ m. |
| | | KARKAN . p-o. | 14 | 82 | A large village, situated in the "Bar" jungle; supplies on notice; plentiful good water from wells within 100 yds of village, near which is site for C-G; country jungly; road as before. |
| | | GARBA . | 12½ | 94½ | A small village, supplies on notice; good, but very limited water, from 2 wells near C-G, site for which is close to village, country and road as before. |
| | | LANDLANWALA . | 10½ | 105 | A large village, supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is close to village, country and road as before. |
| | | SAYADWALA . | 14 | 119 | Country jungly at first, but partially cultivated at end of stage; road as above. |
| G. O. C. Lahore District, Meesa Meer. | Deputy Commissioner of Montgomery, Montgomery. | JANDRAKA . | 5 | 124 | See Route 300. |
| | | GUGERA . | 10 | 134 | |
| | | AKBAR . | 6 | 140 | For other remarks, see Route 300. |
| | | KAURA SHAH . | 10 | 150 | See Route 237. |
| | | MONTGOMERY . | 10 | 160 | |
| | | Total marches, 15 = 160 m. | | | |

Route No. 302.
FROM GUJRAT TO SHAHPUR.
via MUNG AND MIANI.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|---|---------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawl Pindi District, Rawl Pindi. | Deputy Commissioner of Gujrat, Gujrat | From the encamping ground to— DULANWALA . | 8 | 8 | A village, supplies on notice; plentiful good water from a well close to C-G, extensive site for which is in fields near village, country level, open and well cultivated, road about 80 ft wide, unmetalled, fair, and suitable for all arms, cross 2 nullahs en route, by strong wooden bridges. |
| | | DINGA . 20,460 sq. yds. p-o r-s | 13 | 21 | A large town, supplies on notice, plentiful good water from a well just outside C-G, which is N. of town, country and road as above, pass Sagur at 5½ m. |
| | | MUNG . 16,775 sq. yds. p-o | 12 | 33 | A village, supplies on notice, plentiful good water from 3 wells near C-G, site for which is close to village, country and road as above; pass Chillianwala (p-o) at 7 m. |
| | | BADSHAHPUR . 70,000 sq. yds. p-o b. | 15 | 48 | A village, supplies procurable; plentiful good water from wells in vicinity of C-G, which is S. of, and close to village; country and road as above. Nearest r-s is Miarra, 3 m E of Badshahpur. |
| | | MIANI . | 11½ | 60½ | Country and road as before, but latter only suitable for wheeled traffic in dry season, as some parts are under water in the rains, owing to a breach in the canal. |
| | | DHERA . | 0 | 60½ | |
| | | CHAK-RAMDAS . | 11 | 71½ | See Route 7(4). |
| | | JHAWARIAN . | 8½ | 80½ | |
| | | SHAHPUR . | 11 | 91½ | For other remarks, see Route 7. |
| | | Total marches, 9 = 91½ m. | | | |

Route No. 303.
FROM GUJRAT TO SRINAGAR.
via BHIMBAR AND THE FIR PANJAL PASS.

195

| ACCOMMODATIONS. | | DISTANCES. | | REMARKS. | | | | | | | | | |
|---|----------------------------------|---------------------------|--|----------|--|--------|-------|-------|-----|---------------|------|-------|-------|
| Military. | Civil. | Miles. | Total. | | | | | | | | | | |
| G. O. C. Raval Pooni District, Bawal, Punjab. | Dr. Commr. of Gujrat, Gujrat. | DAULATNAGAR p-o. | 12 | 32 | A large village; supplies abundant; plentiful good water from wells in the vicinity of village, near which is site for C-G.; country level, open and fairly cultivated; road about 80 ft. wide, unmetalled, but fair and suitable for all arms; pass Harbaspur at 4, and cross the Bhandar nullah (impassable after heavy rain) at 6½ m. | | | | | | | | |
| | | KOTLA p-o. | 7 | 10 | A small village; supplies abundant; plentiful good water from wells in the vicinity of village, in fields near which is site for C-G.; country and road as above; pass Buzurgwal at 2½ and Sabaur at 4 m. | | | | | | | | |
| | | BHIMBAR p-o. b. | 8½ | 27½ | A small town, situated at the foot of the low hills; supplies and good water abundant; country as above; road very fair, nullahs difficult after heavy rain; leave the Gujrat district about half-way; the road here crosses the N-E. end of the Pubbi hills. | | | | | | | | |
| | | SAIDABAD b. | 14 | 41½ | A very small village; supplies procurable; water abundant; good C-G.; country as above; road difficult in places for laden animals; follow up the valley of the Bhimbar stream, which is crossed and re-crossed repeatedly for 3 m., then ascend the Adatuk range near Samani. The b. is just beyond the village, and the Samani sarai ½ m. N-E. of it. | | | | | | | | |
| | | NAOSHERA b. | 12 | 53½ | A stone-built town, situated on an open plain above the right bank of the Tawi R.; supplies and water abundant; country undulating and partially cultivated; road mostly good, but rough and steep in places; the b. is in the Basli Bagh. | | | | | | | | |
| | | CHINGASS SARAI b. | 14 | 67½ | A small straggling village, situated on a table-land above the right bank of the Tawi R.; supplies scarce; water procurable; C-G. cramped; the road lies the whole way along the valley of the Tawi, bounded on both sides by low wooded hills. There are two paths: the lower and shorter, which follows the bed of the river, is very rough, and only fit for walking; the upper or pony road passes mostly along the right bank of the river crossing about ten low spurs of rough slaty rocks. An old sarai and the b. overlook the river, about ½ m. from village. | | | | | | | | |
| | | RAJAORI (RAMPUR) b. | 14 | 81½ | A partly walled town, situated at the foot of a low range of hills overlooking the Tawi; supplies abundant; water from the river; the road is easy, continuing up the left bank of the Tawi; there are, as before, two paths, an upper and a lower one; the usual road crosses the Tawi by a ford ½ m. below the town; but if the river is very high, it is necessary to continue up the right bank of the river; the b. is situated on the left bank opposite the town. | | | | | | | | |
| | | THANNA MANDI b. | 14 | 95½ | A small place; supplies procurable; water abundant; C-G. cramped; if it is intended to encamp on the right bank of the Tawi near the town, the river must be forded about 1 m. N. of Rajaori; if on the left bank opposite the town, the road continues up the valley of the Tawi; both river and valley become narrower and the hills on each side more lofty; the b. is situated on the hill-side above the right bank of the stream. | | | | | | | | |
| | | BARAMGALA | 10 | 105½ | A small village, situated on a small elevated ridge between the Purnoi and Suran streams; supplies scarce; water abundant; the first half of this march is a continuous but tolerably easy ascent, mostly through open forest; the other half a similar but more gradual descent through thick forest; about 1 m. from Thanna Mandi the Funch road branches off to the W., and from this point to the small village of Ajanabad, high up to the E., the Tawi has to be forded several times; there are several huts on the summit of the pass (elevation 8,200 ft.) which is reached at about 5 m.; just before reaching Baramgala, the Purnoi, an impetuous torrent, is crossed by a wooden bridge; accommodation may be obtained in a small square mud sarai; in winter the snow lies very deep at Baramgala. | | | | | | | | |
| | | POSHIANA | 10 | 115½ | A small village; supplies scarce; water procurable; the only place for pitching tents is on the flat top of the house; the road lies up a deep narrow dale which is traversed by the Suran or Chittapani R.; after a gentle ascent it descends to the bed of the stream, which during the rains is a rapid torrent; it then continues for about 5 m. mostly along the rocky bed of the stream, but crossing and re-crossing it by rough wooden bridges about thirty times; at 9 m. it makes a steep ascent above the right bank of the stream and passes up to the village, which is situated about half-way up the steep, grassy side of the lofty mountains. | | | | | | | | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | ALIABAD SARAI | 11 | 126½ | A halting place; supplies scarce; water procurable; for the first 1½ m. the road is easy, lying along the side of the mountain; it then descends to the Ramtikki, a small open space on the bank of the river available as a C-G.; it then crosses the Chittapani for the last time, and leads to the Nillana valley, at the upper end of which the ascent of the Fir commences; when clear of snow, the ascent, though steep, is easy enough, as the road is good and carried up by zigzags; on the summit of the pass there are a few huts, and an octagonal tower of no strength, built of stone and loopholed; the top of the pass (elevation 11,400 ft.) is reached at about 6 m.; it is a fine grassy plateau about ½ m. wide, sloping gradually down to the Allabad Sarai over a very good road. The Fir Panjal pass is generally closed by snow in November, and opens again in April or May, according to the season; there is another path from Rajol by the Darhal pass which makes the following stages:— <table><tr><td>Darhal</td><td>12 m.</td></tr><tr><td>Beloh</td><td>7 "</td></tr><tr><td>Allabad Sarai</td><td>12 "</td></tr><tr><td>TOTAL</td><td>31 m.</td></tr></table> | Darhal | 12 m. | Beloh | 7 " | Allabad Sarai | 12 " | TOTAL | 31 m. |
| | | Darhal | 12 m. | | | | | | | | | | |
| Beloh | 7 " | | | | | | | | | | | | |
| Allabad Sarai | 12 " | | | | | | | | | | | | |
| TOTAL | 31 m. | | | | | | | | | | | | |
| HIRPURA | 12 | 138½ | But this should not be attempted until June. A small and scattered village, situated in the middle of a valley about ½ m. wide; supplies and water procurable; ample space for C-G.; the road runs down a valley which gradually widens, and along the left bank of a roaring torrent which flows several hundred feet below; at first it is undulating, sometimes steep and rather rough; the walled portion of the road, which extends about 2 m. | | | | | | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|--|
| Military | Civil | | Miles | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | SHAPIYON . . . | 8 | 140½ | A large town, supplies and water abundant; C-G ample; road level and smooth along the right bank of the Remblara; the valley gradually widens and debouches into the plain of Kashmir before reaching Shapiyon |
| | | RAMU . . . | 12 | 152½ | |
| | | SHINAGAR . . . | 18 | 170½ | See Route 8 Road tolerably smooth and level throughout; at 2½ m. it ascends the table-land; pass Khanpur, where a halt may be made if desired, at 6, and Wahtor at 11 m.; thence to Achnagar the road is a made one through a regular avenue on the right bank of the Dudh Ganga; passing the Ramnagar oval and the temple containing the ashes of Maharajah Gulab Singh, it enters Srinagar at the S-L corner of the city close to the Sber Garhi. |
| | | Total marches, 15 = 170½ m. | | | |

Route No. 303(a). FROM GUJRAT TO SRINAGAR.

via RAJAORI, PUNOH, THE HAJI PIR PASS AND BARAMULA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|-------------------------------------|---|---|-------|---|
| Military. | Civil | | Miles | Total | |
| G. O. C. Rawl Fined District, Rawal Pindi. | Dy. Commr. of Gujrat, Gujrat. | DAULATNAGAR . . . | 12 | 12 | See Route 303. |
| | | KOTLA . . . | 7 | 19 | |
| | | BHIMBAR . . . | 8½ | 27½ | |
| | | SAIDABAD . . . | 14 | 41½ | |
| | | NAOSHERA . . . | 12 | 53½ | |
| | | CHINGASS SARAI . . . | 14 | 67½ | |
| | | RAJAORI . . . | 14 | 81½ | A small village with a police station, in which a small garrison is usually quartered; supplies scarce, good water procurable, country hilly, road fair, with frequent ascents and descents, a small stream has to be crossed about half a dozen times, at 1 m. the road to Srinagar by Shapiyon turns off, cross the Rutton Fir Spur, elevation 8,200 ft |
| | | (RAJAPUR.) | 14 | 95½ | |
| | | THANNA MANDI . . . | 14 | 111½ | |
| | | SURAN . . . | 16 | 125½ | |
| | | b. | | | |
| | | PUNOH . . . | 14 | | |
| b. | | | A small town, (elevation 8,800 ft) situated in the valley on right bank of the Panch Tawi, just above its junction with the Bitarh, supplies and good water abundant, the road continues along the Suran valley, crosses the river by a ford just opposite Suran, and thence passes the whole way along its right bank. The first 5 or 6 m. the over level turf covered with low jungle, the remainder through corn and rice fields; cross the Mandi R. about half-way, by ford; paths leading into Kashmir by the Tirozpur, Zampur, Tasha Waidan, Chor Gull, Mirpur, and Sang Safed passes, lie up the valley of this stream. The dhk b is situated under a table-land near the left bank of the Bitarh, about a mile beyond the town. | | |
| The marches from Saidabad to Panch may be made as follows, by avoiding Rajaori, viz | | | | | |
| | | | | | Dharmsal 15 m. |
| | | | | | Koh-i rukti 7 " |
| | | | | | Kottli 12 " |
| | | | | | Sira 11 " |
| | | | | | Punoh 10 " |
| There is a route from Panch across the hills which makes the following stages, viz | | | | | |
| | | | | | Mandi 8 m. |
| | | | | | Gagrian 8 " |
| | | | | | Gagrian 12 " |
| | | | | | Tirozpur 12 " |
| | | | | | Lalpura 8 " |
| | | | | | Srinagar 10 " |
| TOTAL | | | | | 58 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | KAHUTA . . . | 12 | 187½ | This latter is a very direct and much frequented route; laden coolies can go easily in six days from Punc to Srinagar. The pass is generally open from May to December, and it is sometimes crossed as late as December in favourable weather. |
| | | b. | | | A small village, situated at the foot of a range of hills about 200 ft. above the right bank of the Bithar; supplies and good water procurable; country hilly; road fair, following the course of the Bithar, which it crosses and re-crosses several times by ford. |
| | | ALLIABAD . . . | 9 | 146½ | A small village at the foot of the Haji Fir pass (elevation 8,500 ft.); supplies and coolies scarce; good water plentiful; country as above; road an ascent, occasionally very rough and steep; adjoining b. are the ruins of an old sarai. |
| | | HYDRABAD . . . | 8 | 154½ | A very small village; supplies and coolies very uncertain; good water procurable; the road makes a steep ascent for 3 or 4 m. on one side of the mountain and a similar descent on the other; the descent is rough, and in some parts merely a passage between the rocks; the path continues through dense forest down to the bottom, where a mountain torrent, which flows along a deep gorge on the left, has to be forded at end of stage. |
| | | URI . . . | 14 | 168½ | A village (elevation 4,425 ft.) with a small old fashioned fort 200 yds. E. of camp, which it commands, but is commanded by a hill 400 yds. to S-E.; supplies and good water procurable; country mountainous; the road continues along the side of the valley on left bank of the Shah Kahute stream (bridged) the whole way, till the confluence of that stream with the Jhelum is reached; at Uri the road from Murree joins in. |
| | | NAOSHERA . . . | 14 | 182½ | A small village; just below it there are two old Sikh forts, one on each bank of the Jhelum; supplies procurable; good water plentiful; country hilly and well wooded; the road, which continues up the valley of the Jhelum, whose average width is not more than a few hundred yards, is generally fair; pass Uramba at 10 m.; there is a b. there, and it may be made the halting place between Uri and Baramula. A ruined temple is passed on the right hand; pass Bhanar and cross the Harpetkai R. (bridged) at 10 m.; there are two dāk b. at Naoshera, both on edge of the river. |
| | | b. | | | |
| | | BARAMULA . . . | 9 | 191½ | Near the village of Kihama, which is passed at 5 m., the valley opens out into a broad, open, cultivated plain, surrounded by low well wooded hills; the path continues straight on towards the low ridge in front, over which lies the Baramula pass, about 600 ft. above the plain and about 8 m. from Naoshera; the ascent is about ½ m. long. The road is tolerably smooth and easy, although in some parts narrowed by masses of rocks which rise steeply on each side; the top is covered with grass and jungle; boats are always procurable at Baramula, and the journey to Srinagar may be performed by water; the passage up to the Jhelum occupies about 20 hrs. See Route 8. |
| | | PATAN . . . | 16½ | 207½ | |
| | | SRINAGAR . . . | 17½ | 225½ | |
| | | Total marches, 18 = 225½ m. | | | |

Route No. 304.
FROM GURDASPUR TO BAKLOH.
via PATHANKOT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. Lahore District, Meera Meer. | Asst. Commr. at Dalhousie, Dalhousie. | PARMANAND . . . | 12 | 12 | A village; supplies on notice; plentiful good water from a well on O-G., which is marked by boundary pillars; country level and cultivated; road good, metalled nearly all the way, and bridged; pass Dinanagar (p-o. r-s.) at 8½ m. |
| | | 79,640 sq. yds. | | | |
| | | PATHANKOT . . . | 11½ | 23½ | A town; supplies on notice; plentiful good water from a well near r-s., opposite which and S. of town is O-G.; there is a well on the ground, but the water is brackish; country as above; road unmetalled, but good and strongly bridged; pass Sarna at 7 m. |
| | | 25,000 sq. yds. | | | |
| | | p-o. t-s. r-s. b. | | | |
| | | SHAHPUR . . . | 8½ | 31½ | A village; supplies on notice; plentiful good water from a well near O-G., which is marked by pillars; country as above; road unmetalled, only partially bridged, but good in dry weather; cross several hill torrents, which are impassable when in flood; pass Jogial at 6½ m. |
| | | 18,570 sq. yds. | | | |
| | | p-o. b. | | | |
| | | DHAR . . . | 12½ | 44½ | A small village; supplies on notice; good water plentiful except in dry season; small site for O-G. at foot of a hill, on summit of which is b.; country mountainous; road good and fit for carts in dry weather; pass Darang at 5 m. |
| | | b. | | | |
| | | DUNERA . . . | 10½ | 54½ | See Route 175. |
| | | | | | Country as above; good hill road, strongly bridged and nearly all metalled, suitable for cart traffic; pass Dhar Kalan at 2 and Bhatwar at 6 m. |
| | | BAKLOH . . . | 10 | 64½ | See Route 178. |
| | | | | | Country and road as above. |
| | | Total marches, 6 = 64½ m. | | | |

Route No. 305.
FROM GURDASPUR TO CHAMBA.
via PATHANKOT AND SINDHARA.

| AUTHORITIES | | Name of stages and size of encamping grounds | DISTANCE | | REMARKS | |
|---------------------------------------|---|--|----------|--------|---|--|
| Military | Civil | | Miles | Total. | | |
| G. O. C. Lahore District, Meera Meer. | Suplt. of Chamba, Dy. Commr. of Gurdaspur, Gurdaspur. | PARMANAND | 12 | 12 | NOTE.—This route is not generally used; those <i>via</i> Dalhousie preferred—Nos 306 and 174. | |
| | | PATHANKOT | 11½ | 23½ | | See Route 304. |
| | | SHAHPUR | 8½ | 31½ | A village; supplies and coolies procurable; good water from hill streams; small site for O-G. E. of Karnal Khud, 3 m from Dhar; country mountainous; road stony and bad, practicable for laden mules, except during rains; cross the Ravi at Srinagar by boat or inflated skins. There is a suspension bridge over the Karnal Khud which can bear one loaded camel at a time. | |
| | | PHANGOTAH | 11½ | 43½ | | A halting place; supplies on notice; good water from the Ravi, about 300 yds from which and round b. is site for O-G; country as above; road only fit for coolies. |
| | | SINDHARA | 10 | 53½ | A few henges; supplies on notice; good water from hill streams, in vicinity of which is site for O-G; country as above; road practicable for laden mules. | |
| | | BATRI | 12½ | 65½ | | See Route 171. Country and road as above. |
| | | CHAMBA | 14 | 79½ | | |
| | | Total marches, 7 = 79½ m. | | | | |

Route No. 306.
FROM GURDASPUR TO DALHOUSIE.
via DUNERA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|--------------------------------------|---|--|----------|--------|---|
| Military. | Civil | | Miles | Total. | |
| G. O. C. Lahore District, Meen Meer. | Asst. Commr. of Dalhousie, Dy. Commr. of Gurdaspur. | PARMANAND | 12 | 12 | See Route 304. |
| | | PATHANKOT | 11½ | 23½ | |
| | | SHAHPUR | 8½ | 31½ | |
| | | DHAR | 12½ | 43½ | |
| | | DUNERA | 10½ | 54½ | For other remarks, see Route 304. |
| | | NYNI KHUD | 10 | 64½ | |
| | | DALHOUSIE | 13 | 77½ | See Route 175. A small civil hill stn. and convalescent depôt; supplies procurable; plentiful good water from the water-works; site, on which to pitch about 30 E. P. tents, at 8 m. |
| | | Total marches, 7 = 77½ m. | | | |

Route No. 307.
FROM GURDASPUR TO DHARMSALA.
via PATHANKOT AND NURPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---------------------------------------|-------------------------------------|---|----------|--------|--|
| Military | Civil | | Miles | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Gurdaspur, Gurdaspur. | PARMANAND | 12 | 12 | |
| | | PATHANKOT | 11½ | 23½ | |
| | | NURPUR | 16 | 39½ | See Route 304. |
| | | KOTLA | 13½ | 52½ | |
| | | SHAHPUR | 11½ | 64½ | Country mountainous; road good and metalled as far as the Chaki R. (strongly bridged) which is crossed at 6 m. |
| | | DHARMSALA | 12½ | 77½ | |
| | | Total marches, 6 = 77½ m. | | | See Route 175. |
| | | | | | |

Route No. 303.
FROM GURDASPUR TO SIALKOT.
via TRIMANU GHAT AND ZAFARWAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Gurdaspur. | TRIMANU GHAT 154,880 sq. yds. | 10 | 10 | NOTE.—This route is suitable for all arms, except during the monsoons, when the Degh nullah is frequently in flood. A halting place on left bank of the Ravi R.; supplies on notice; plentiful good water from a well on C-G., which is near ghat; country fairly cultivated; road metalled and bridged; pass Sudda at 6, cross the Kiru stream at 6½ and the Nowmani at 7½ m. |
| | | NAINA KOT 193,600 sq. yds. p-o. | 4½ | 14½ | |
| G. O. C. Ramal Pindil Dis- trict, Ramal Pindil. | Deputy Commr. of Sialkot, Sialkot. | NAYA KOT 121,000 sq. yds. | 8 | 22½ | A small village; supplies on notice; plentiful good water from the Ben stream, ½ m. from which is site for C-G.; country and road as above; pass Fatchpur at 6½ m. and cross the Ben at end of stage. |
| | | SHAHGHARIB 163,720 sq. yds. p-o. b. | 9 | 31½ | A small village; supplies on notice; plentiful good water from wells in the village, near which is site for C-G.; country and road as above. |
| | | ZAFARWAL 130 × 90 yds. p-o. b. | 9½ | 41 | A large village; supplies abundant; plentiful good water from 5 wells in village, near which is site for C-G.; country and road as before; pass Dhamtal at 5 m. |
| | | PHILLORA 390 × 390 yds. p-o. b. | 11 | 52 | A small village; supplies on notice; abundant good water from wells on C-G., site for which is W. of road and near village; country and road as above; cross the Degh (fordable except after heavy rain) at 3, pass through the old bed of the same stream at 4, and pass Saidwali at 10 m. |
| | | SIALKOT Church | 13 | 65 | See Route 311. |
| | | Total marches, 7 = 65 m. | | | Country as above, but liable to inundation during wet weather; road as before, last 3 m. metalled and bridged; pass the direct road to the city of Sialkot at Kala and cross the Aik (bridged) at 9½ m. |

Route No. 309.
FROM GURDASPUR TO SRINAGAR.
via MADHOPUR, BASAULI AND KISHTWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commr. of Gurdaspur. | PARMANAND | 12 | 12 | See Route 301. |
| | | MADHOPUR p-o. t-s. | 16 | 28 | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | THAIN . . . | 15 | 43 | A large village; supplies on notice; water plentiful; country mountainous; road very fair; cross the Ravi on starting by ferry. |
| | | BASAULI . . . | 12 | 55 | A small town on right bank of the Ravi; supplies and good water procurable; site for C-G. at a tank near fort; country as above; road fair and fit for camels. There is a ferry over the river here. |
| | | PUD . . . | 13 | 68 | A moderate-sized village; supplies and good water procurable; country as above; road very bad and stony with many ascents and descents. |
| | | HUTLI . . . | 14 | 82 | A small village; supplies procurable; good water plentiful; cross the Ramrachan or Charn ridge about half-way; country as above; road very bad and quite impracticable for ponies; a steep ascent for 4 m., descent the same. |
| | | LOANG . . . | 8 | 90 | A small village on the Sinwa R.; supplies procurable; water plentiful; country as above; road very difficult in places and unfit for ponies. |
| | | CHATTARDAR top of pass. | 10 | 100 | No butts; wood and water plentiful; elevation of the pass 10,100 ft.; snow lies until about the end of April; country as above; road practicable for laden animals. |
| | | BHADARWA | 14 | 120 | Country as before; road fair, passable for mule transport. |
| | | JARA . . . | 17 | 137 | See Route 208. |
| | | JOSHNI . . . | 14 | 151 | |
| | | KISHTWAR . . . | 16 | 166 | |
| | | MUGHAL MAIDAN | 14 | 180 | |
| | | SINGPUR . . . | 10 | 190 | |
| | | WANKUNGI . . . | 10 | 212 | |
| | | WANGAM . . . | 12 | 224 | For other remarks, see Route 8. |
| | | ISLAMABAD . . . | 17 | 241 | |
| | | AVANTIPUR . . . | 18 | 259 | |
| | | SRINAGAR . . . | 17 | 276 | |
| | | Total marches, 10 = 276 m. | | | |

Route No. 310.
FROM GURGAON TO HISSAR.
via JHAJJAR, MARM AND HANSI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Gurgaon, Gurgaon. | FARRUKHNAGAR p-o. t-s. r-s. b. | 18 | 13 | A small town, 1½ m. S. of r-s.; supplies plentiful; abundant but brackish water from wells in vicinity of town, in fields near which is extensive site for C-G.; country sandy but fairly cultivated; road for the first half is unmetalled but fair, remainder very heavy, crossing a low range of sand-hills; pass Chasola at G; and cross the ry. at Sultanpur, 10 m. |
| | | BADLI | 0½ | 22½ | A village; supplies on notice; plentiful good water from 2 wells close to C-G., small site for which is E. of and near village; country hard sand-hills, very little cultivated; road about 40 ft. wide, unmetalled, and unfit for artillery, fairly good in dry weather, but very swampy in places in the rains. |
| | | JHAJJAR . . . 32,470 sq. yds. p-o. t-s. b. | 9 | 31½ | A town; supplies abundant; plentiful good water from 2 wells close to C-G., which is N-W. of town; country cultivated; road as above. There is a direct road from Gurgaon making the following stages:— Badli 16 m. Jhajjar 8 " |
| | | BERI 27,880 sq. yds. p-o. t-s. b. | 9 | 40½ | A town; supplies on notice; good water from a well and tank close to C-G., which is near town; country and road as above. |
| | | KALANAUR . . 45,860 sq. yds. p-o. t-s. b. | 14 | 54½ | A town; supplies on notice; plentiful good water from tank and wells in vicinity of town, E. of which and near Rohtak-Bhiwani road is C-G.; country and road as above. |
| | Dr. Commr. of Hissar, Hissar. | MAHM | 0½ | 64 | Country and road as above. } See Route 191. |
| | | SORKHI | 12½ | 76½ | |
| | | HANSI | 12 | 88½ | |
| | | HISSAR | 14½ | 103 | |
| | | Total marches, 9 = 103 m. | | | |

Route No. 311.
FROM GURGAON TO ROHTAK.
via NAJAFGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Rohtak, Rohtak. | NAJAFGARH p-o. | 10 | 10 | A town; supplies plentiful; abundant water from wells in the immediate neighbourhood of C-G., site for which is in fields near town; country cultivated, but completely inundated and almost impassable during the rains owing to the overflowing of the Najafgarh Jheel, which is crossed between the villages of Rajbana (4 m.) and Chaulukh (6 m.); road 25 ft. wide, unmetalled, fair in dry weather. |
| | | BAHADURGARH . | 6½ | 16½ | Country and road as above. |
| | | SAMPLA | 11½ | 27½ | See Route 101. |
| | | ROHTAK | 16 | 42½ | |
| | | Total marches, 4 = 42½ m. | | | |

Route No. 312.
FROM GUTHNI TO REWAH GHAT. (FOR MUZAFFARPUR.)
via MASHRAK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | DARAUJI | 9 | 9 | See Route 63. Country swampy in places; road, unmetalled, unbridged, runs along the left bank of the Gogra, tolerable in the dry season, but bad for wheeled traffic during the rains. |
| | | ANDER p-o. | 11½ | 20½ | A village on right bank of the Doha R.; supplies on notice; water from wells on small C-G., which is ½ m. N. of village; country level, open and fairly cultivated; road unmetalled, but raised and bridged; there is an unbridged nullah at Trikalpur, fordable in the dry weather, but impassable during rainy season when troops should march <i>via</i> Piboli and Trikalpur, ½ m. longer. |
| | | SIWAN | 10½ | 31 | See Route 294(a). |
| | | SESAIPUR (BALLIAH). . . . | 10½ | 41½ | Country as above; road unmetalled, but raised, bridged and in good order. |
| | | BASANTPUR . . . | 9½ | 51½ | See Route 295. |
| | | MASHRAK | 10½ | 62 | |
| | | | | | |

| ADMINISTRATIVE. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | AMNAUR 11,100 sq. yds. p-o. | 18 | 75 | A village; supplies on notice; limited supply of well water; C-G. about 1 m. W. of village; country open and well cultivated; road raised and bridged, but unmetalled. |
| | | PRULWARIA 17,264 sq. yds. | 8 | 83 | A small village; supplies on notice; good water from 2 wells near C-G., which is about 1 m. E. of village; country and road as above. |
| | | REWAH GHAT | 4½ | 87½ | The landing stage of a ferry on left bank of the Gandak R.; road unmetalled, fairly good. For other remarks, see Route 167. |
| | | Total marches, 9 = 87½ m. | | | |

Route No. 313.
FROM HAMIRPUR TO JHANSI.
via RATH, MAU AND BARWA-SAGAR.

| AUTHORITIES | | Name of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|-------------------------------------|----------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agm. | Collector of Hamirpur, Hamirpur. | LALPURA . 78,650 sq. yds. p-o. | 10 | 10 | A village; supplies on notice; plentiful good water from 7 wells in village and 2 wells on C-G., which is 80 yds. W. of village; country low and cultivated; road unmetalled and partly bridged, heavy and impassible for troops during the rainy season, cross the Betwa R. at 1, by bridge-of-boats in dry season, by ferry (4 boats) in the rains; pass Katauli at 3½ and Pathia at 6½ m. |
| | | BEWAR . | 11 | 21 | See Route 76 Country and road as above; pass Chani at 6, Lodhipur Kewada at 6½ m., and the Jalalpur-Maudha road at end of stage. |
| | | MASKARA . 32,060 sq. yds. p-o. b. | 12 | 33 | A large village; supplies on notice; plentiful good water from wells on and near C-G., which is 100 yds. N-W. of village, country and road as above; pass Chilli at 5 and Bawari at 9 m. The Jalalpur-Charkhari road runs through Maskara. |
| | | RATH . 107,230 sq. yds. p-o. b. | 10½ | 40½ | The largest town in Hamirpur District; supplies abundant; plentiful good water from wells and tanks in vicinity of C-G., which is 700 yds. N-E. of town, swampy in rains; country and road as above; cross the Betwa R. (subject to heavy floods) at 1, by ford in dry season, by ferry (1 boat) in rains, and pass Dhanauri at 10 m. |
| | | GAROTHA . 280 x 220 yds. p-o. b. | 18 | 67½ | A village; supplies on notice; plentiful good water from 8 wells in village and one on C-G., which is on roadside 600 yds. W. of village; country as above; road raised and partly bridged, but unmetalled and very heavy for cart traffic, swampy and impassible in the rains; pass Tola at 7 (suitable site for encampment here), cross the Dhanau at 10½ m., by ford in dry season, by ferry (1 boat) in rains, and the Pakhira at end of stage, by ford. |
| | | MARKUA . 310 x 230 yds. b. | 9½ | 77½ | A village; supplies on notice; plentiful good water from 8 wells on C-G., which is W. of road and 130 yds. S. of village; country and road as above; cross the Pakhira nullah on starting, by ford. |
| | | MAU . 229,400 sq. yds. p-o. t-s. r-s. b. | 16 | 92½ | A town; supplies abundant; plentiful good water from 2 wells on C-G., which is about 1½ m. S-E. of town; country as above; road unmetalled, but raised and bridged; cross the ry. line at 14½ m. and the Sakni stream by ford at end of stage, camp may be reached by taking a detour to the L. after crossing the ry., and crossing the stream by a masonry bridge. |
| | | BANGRA . 880 x 170 yds. b. | 11½ | 103½ | A small village; supplies on notice; plentiful good water from 1 well on, and others close to C-G., which is 2 m. from village, near road; country undulating, rocky and chiefly jungle; road good, metalled and bridged; cross the Sakni on starting by ford, or by bridge 3 m. E. of town. |
| | | SAKRAR . 400 x 100 yds. b. | 8 | 111½ | A small village; supplies on notice; good water from 1 well on, and others near C-G., which is ½ m. from village, close to road and about 200 yds. S-E. of village; there are 24 wells in a tank near village; country and road as above; nearest r-s. is about 6 m. S-W. of village. |
| | | BARWA-SAGAR . 165,000 sq. yds. p-o. r-s. b. | 10½ | 122½ | A large village; supplies procurable; plentiful good water from wells on, and (for animals) from canals near C-G., which is 1 m. from village, on roadside and W. of a large lake; country and road as above. |
| | | JHANSI . | 10½ | 182½ | See Route 17. Country and road as above; cross the Betwa R. at 3½ m., by ferry (3 boats), impassible during heavy floods; ry. bridge 1½ m. up stream, but no road to it. |
| | | Total marches, 11 = 132½ m. | | | |

Route No. 313(a).
FROM HAMIRPUR TO JHANSI.
via RATH AND KASHIPUR.

| AUTHORITIES | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|----------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agm. | Collector of Hamirpur, Hamirpur. | LALPURA . | 10 | 10 | For other remarks, see Route 76, See Route 313. |
| | | BEWAR . | 11 | 21 | |
| | | MASKARA . | 12 | 33 | |
| | | RATH . | 10½ | 43½ | |
| | | NAKRA . 69,080 sq. yds. | 9 | 53½ | A village on the Kewari stream; supplies on notice; plentiful good water from the stream, and a well 200 yds. from C-G., which is E. of road, S. of and close to village; the water in the village wells is said to be brackish; country low and cultivated; road unmetalled, heavy and swampy in the rains; pass Lalari Chari at 6 m., and cross the Kewari at end of stage, by ford in dry season, by ferry (1 small boat) in the rains. |
| | | PANWARI . 20,000 sq. yds. p-o. b. | 4 | 62½ | A village with police station; supplies on notice; plentiful good water from 8 wells on and near C-G., which is S. of Kulpahar-Panwari road and 200 yds. S-E. of village; there are 24 wells in a tank near village; country and road as above; nearest r-s. is Hamirpur, 12 m. distant. |
| | | KASHIPUR . 21,800 sq. yds. p-o. | 18½ | 76 | A village on right bank of the Dhanau; supplies on notice; plentiful good water from village wells and the river, about 200 yds. from which and close to village is C-G.; limited water in well on the ground; country as above; road, a cart track, very heavy and flooded in rainy season; cross the Kewari at 8, by ford, except when in flood, pass Bondi at 4 and Dharwar at 11 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Alga. | Deputy Commissioner of Jhansi, Jhansi. | MAU . . . | 18½ | 80½ | Country and road as above, latter difficult; cross the Dhasan at Laohura Ghat at 8, by ford in dry season, by ferry (1 boat) in the rains, and the Sukni (bridged) towards end of stage. |
| | | BANGRA . . . | 11½ | 101 | |
| | | SAKPAR . . . | 8 | 100 | See Route 313. |
| | | BARWA-SAGAR . . . | 10½ | 110½ | |
| | | JILANSI . . . | 10½ | 130½ | For other remarks, see Route 17. |
| | | Total marches, 12 = 130½ m. | | | |

Route No. 314.
FROM HARDWAR TO RAMNAGAR.
via KALAGARIH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Colr. of Bijnor, Bijnor. | SHAMPUR . . . 168 x 100 yds. p-o. | 7 | 7 | A village on left bank of the Ganges; supplies on notice; good water from a well in village, and from another on C-G., which is N. of village, country covered with jungle; road unmetalled, bad during the rains; the Ganges is crossed as follows:— From November to May, a bridge-of-boats. In October and June, ferry boats. From July to September, river impassable. |
| | Dy. Commr., Gwalior, Gwalior. | LALDANG . . . | 9 | 16 | |
| | | HALDAKHUTA . . . | 11 | 27 | |
| | Dy. Commr., Gwalior, Gwalior. | SANEH . . . | 9 | 36 | A small village; supplies on notice; abundant good water from the river, near which is extensive site for C-G., country and road as in last stage. |
| | | PAK RAO . . . 165 x 165 yds. | 9 | 45 | |
| | Dy. Commr., Gwalior, Gwalior. | MORGHATI . . . 165 x 165 yds. | 5 | 50 | No village; supplies on notice; good water, for a bathn., from a well on, and (for animals) from a stream 1 m. from C-G., which is close to road; country and road as before; cross the Banah R. en route. |
| | | KALAGARI . . . 165 x 165 yds. | 8 | 58 | |
| | Dy. Commr., Gwalior, Gwalior. | DHORON . . . 330 x 55 yds. | 8 | 66 | A halting place situated on the Ramganga R., which is fordable in November; good water from a well on C-G., and (for animals) from the river; country and road as before. |
| | | DHIELA . . . 330 x 55 yds. | 8 | 74 | |
| | Dy. Commr., Gwalior, Gwalior. | RAMNAGAR . . . 330 x 330 yds. p-o. | 7 | 81 | A small town; supplies on notice; good water from the river close to C-G.; country and road as in last stage. |
| | | Total marches, 10 = 81 m. | | | |

Route No. 315.
FROM HAZARIBAGH TO BANKURA.
via CHASH AND RAGHUNATHPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Hazaribagh, Hazaribagh. | DIGWAR . . . 16,000 sq. yds. | 12 | 12 | A very small village; supplies procurable; plentiful good water from a tank in village and wells on C-G., site for which is in a mango grove 300 yds. W. of village; country undulating; road bad, unfit for wheeled traffic and not now kept up; cross 8 nullahs en route, all fordable except after heavy rain. |
| | | CHATROCHATTI . . . | 14 | 26 | |
| | | GUMIYA . . . p-o. b. | 18 | 80 | A good-sized village; supplies on notice; plentiful good water from a stream on S. side of C-G., small site for which is at Karballa, ½ m. S-W. of village; country hilly; road as before, with numerous ravines. |
| | | ANGWALI . . . 14,400 sq. yds. | 12 | 61 | |

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS |
|---|---|---|----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Manbhum, Patuli. | OHASH . . . p-o. | 15 | 66 | A village; supplies on notice; plentiful good water from a tank 50 yds. S. of C-G., small site for which is $\frac{1}{2}$ m. W. of village; country undulating and jungly for first 13 m., thence open; road an unbridged track, unsuitable for artillery, except in dry season; nullahs and streams, en route, are fordable except for a few hours after rain. |
| | | CHANDAKIARI . . . | 14 | 80 | A village; supplies on notice; good water from tanks near C-G., small sites for which are E. and W. of village; country undulating and open, but jungly in parts; road 20 ft. wide, unmetalled, but suitable for all arms, except some of the nullahs, which are unfit for passage of artillery; crosses the Ijri stream at 5 m., fordable except after heavy rain. |
| | | DUDRA . . . b. | 10 | 90 | A village; supplies on notice; good water from several tanks in vicinity of C-G., sites for which are in small mango groves E. and W. of and close to village; country undulating, open and cultivated; road unmetalled, but suitable for all arms; cross the Gowa at 2 and the Huri at 4, both fordable except after heavy rain. |
| | | RAGHUNATHPUR . . . p-o. r-s. b. | 10 | 100 | A village; supplies on notice; good water from tanks on, and a well in police stn. $\frac{1}{2}$ m. N. of C-G., small site for which is $\frac{1}{2}$ m. N-W. of village; country, road and nullahs as above. |
| | | GAURANGDIHI . . . 12,000 sq. yds. p-o. | 10 | 110 | A village; supplies on notice; plentiful good water from a large tank on C-G., site for which is $\frac{1}{2}$ m. W. of village; country and nullahs as above; road, except for first mile, unmetalled and unbridged, but fit for all arms. |
| | | ARRAH . . . b. | 9 | 119 | A small village; supplies on notice; plentiful good water from tanks, wells and streams N-W. of C-G., small site for which is near b.; country open, level and cultivated, jungly in places; road 20 ft. wide, metalled, and bridged, except over a branch of the Darkaur R., crossed at end of stage, always fordable except just after heavy floods. |
| | | CHHATNA . . . p-o. | 8 | 127 | A small village; supplies on notice; plentiful good water, in dry season, from tanks S-E. and S-W. of C-G., small site for which is N. of road and near village; country and road as above; cross the Bidajoro (always fordable) at 1 and pass Dalpui at $3\frac{1}{2}$ m. |
| | | BANKURA . . . | 8 | 135 | See Route 105. Country and road as above. |
| | | Total marches, 12 = 135 m. | | | |
| | Collector of Bankura, Bankura. | | | | |

Route No. 316.
FROM HAZARIBAGH TO CHUNAR.
16 THE GRAND TRUNK ROAD AND MOGHALSARAI.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------------|---|------------------|-------------------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Dr. Commr of Hazaribagh, Hazaribagh. | SURAJ PURA . . . | 14 | 14 | See Route 114. |
| | | DARHI . . . | 8 $\frac{1}{2}$ | 22 $\frac{1}{2}$ | For other remarks, see Route 114. |
| | | CHORPARAN . . . | 12 $\frac{1}{2}$ | 34 $\frac{1}{2}$ | |
| | | HALUWA . . . | 10 | 44 $\frac{1}{2}$ | See Route 268. |
| | | SARWA . . . | 11 | 55 $\frac{1}{2}$ | |
| | | SHERGHATI . . . | 12 $\frac{1}{2}$ | 68 $\frac{1}{2}$ | |
| | | MADANPUR . . . | 14 $\frac{1}{2}$ | 82 $\frac{1}{2}$ | |
| | | AURANGABAD . . . | 14 | 96 $\frac{1}{2}$ | |
| | | BARUN . . . | 14 | 110 $\frac{1}{2}$ | |
| | | DEHRI . . . | 8 | 118 $\frac{1}{2}$ | |
| | | SASARAM . . . | 12 | 125 $\frac{1}{2}$ | |
| | | JEHANABAD . . . | 16 $\frac{1}{2}$ | 141 $\frac{1}{2}$ | |
| | | MOHANIA . . . | 13 $\frac{1}{2}$ | 155 | |
| | | KHAJURA . . . | 14 | 169 | |
| | | JAGDIS-KI-SARAI . . . | 11 | 180 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | MOGHALSARAI . . . 36,000 sq. yds. p-o. r-s. | 0 | 180 | A large town, at the junction of the O. and R. Ry. with the Grand Trunk Road; supplies procurable; plentiful good water from a large well at N-E. corner of C-G., which is on low ground about $\frac{1}{2}$ m. from r-s.; country level and tolerably well cultivated; road metalled and bridged. |
| | | OHOTA MIRZAPUR . . . 340 x 250 yds. p-o. | 8 $\frac{1}{2}$ | 188 $\frac{1}{2}$ | A village on right bank of the Ganges; supplies on notice; good water, for a battn., from a well in the garden of the Rajah of Benares, and (for animals) from the river, close to which and near village is C-G.; country as before; road unmetalled but bridged; leave the Grand Trunk Road at 2 m. |
| | | CHUNAR . . . | 10 | 204 $\frac{1}{2}$ | See Route 105(b). Country as above; road metalled; nullahs not bridged, but fordable except after heavy rain. |
| G. O. C. Allahabad District, Allahabad. | Collector of Allahabad, Allahabad. | Total marches, 18 = 204 $\frac{1}{2}$ m. | | | |
| | | | | | |
| | | | | | |

Route No. 317.
FROM HAZARIBAGH TO DALTONGANJ (BIJRA).
via LESLIGANJ.

205

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|------------------|------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioners of Hazaribagh, Hazaribagh. | SILLA ICHAK 14,000 sq. yds. p-o. | 14 | 14 | A village; supplies must be collected; plentiful good water from a well and tanks in vicinity of C-G., site for which is in a mango grove W. of village; country for first 7 m. open and cultivated, thence hilly and jungly with occasional clearings for villages; road 20 ft. wide, metalled but unsuitable for heavy artillery; all nullahs bridged, except one which is fordable; pass Bandang at 6 and Bondi at 8 m. |
| | | TUTILUA | 10 | 24 | A small village; supplies on notice; good water, for a battn., from a well 70 yds. E. of C-G., site for which is in a small grove of trees 50 yds. W. of village; country open and cultivated, with jungle in parts; road as above; nullahs, ramped and fordable. |
| | | DALGARRA | 10 | 34 | A large village; supplies on notice; plentiful but indifferent water from 2 tanks and a well in vicinity of C-G., small site for which is N. of road and near village; country, road and nullahs as in last stage; pass Simaria (p-o.) at 7 m. |
| | | HUTRU 100 x 100 yds. | 13 | 47 | A small village; supplies scarce; indifferent water, for a battn., from a tank and a small well close to C-G., which is N. of road and near village; country as before; road indifferent, not now kept up, only a footpath, unfit for troops. |
| | | LOHARSI | 13 | 60 | A village; supplies on notice; fair, but limited, water from a tank and wells in village, E. and W. of which, in mango groves, and on open ground, are sites for extensive C-G.; country hilly with cultivated lands near villages and passable with difficulty by all arms; no road at present existing, but it is under construction. |
| | | KUNWAI 300 x 300 yds. | 11 | 71 | A village; supplies on notice; fair water from the Amanat R. $\frac{1}{2}$ m. S. of which, in mango groves $\frac{1}{2}$ m. W. of village, is site for C-G.; country undulating, open and partially cultivated; road 8 ft. wide, unmetalled, suitable for all arms in fair weather only; nullahs unbridged, but fordable except when in flood. |
| | | LESLIGANJ 300 x 300 yds. p-o. | 12 | 83 | A village and old civil stn.; supplies on notice; plentiful fair water from wells in village and a tank $\frac{1}{2}$ m. W. of C-G., which is on open land $\frac{1}{2}$ m. E. of village; country, road and nullahs (9) as in last stage. |
| | | DALTONGANJ (BIJRA.) | 10 $\frac{1}{2}$ | 93 $\frac{1}{2}$ | See Route 223. Country, road and nullahs (some strongly bridged) as above. |
| | | Total marches, 8 = 83 $\frac{1}{2}$ m. | | | |

Route No. 318.
FROM HAZARIBAGH TO DORANDA.
via RAMGARH.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Hazaribagh, Hazaribagh. | MANDU p-o. b. | 16 $\frac{1}{2}$ | 16 $\frac{1}{2}$ | A large village and bazar; supplies on notice; indifferent and limited water from wells and tanks in vicinity of village, close to which is small site for C-G.; country open and cultivated for first 6 m., thence hilly and jungly, with occasional clearing for villages and cultivation; road 20 ft. wide, metalled and bridged, suitable for all arms; cross the Kunar at 1 $\frac{1}{2}$, pass Murangi at 6, cross the Bokaro at 11 and the Dudhi at 13 m. |
| | | RAMGARH p-o. b. | 12 $\frac{1}{2}$ | 28 | A large village; supplies on notice; good water from wells, and the Damoda (quality indifferent in rains), on bank of which is small site for C-G.; country and road as above; pass Nyasrai at 22 m. and cross the Damoda immediately afterwards, by ferry, 1 boat carrying 40 men. The road to Parulia, distant 6 m., branches off 8-E. at Ramgarh. |
| | | URMANJHI | 14 | 42 | A village; supplies on notice; plentiful good water from wells in vicinity of village, on roadside near which is extensive site for C-G.; country undulating and cultivated; road as above. |
| | | DORANDA p-o. t-s. | 14 | 56 | A small cantonment; supplies plentiful; abundant good water from wells in vicinity of cantonments, near which is site for C-G.; country and road as above; at 2 m. a road branches off E. to Gola, distant about 16 m.; pass Buti at 8 m. The civil stn. of Ranchi is 2 m. N. of Doranda. |
| | | Total marches, 4 = 56 m. | | | |

Route No. 319.
FROM HAZARIBAGH TO GAYA.
via BARHI AND MATHIANI.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Hazaribagh, Hazaribagh. | SURAJPURA | 14 | 14 | See Route 114. |
| | | BARHI | 8 $\frac{1}{2}$ | 22 $\frac{1}{2}$ | For other remarks, see Route 114. See Route 266. |
| | | CHORPARAN | 12 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--------------------------|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | BALUWA . . . | 10 | 44½ | } See Route 206. |
| | | SARWA . . . | 11 | 55½ | |
| | | MATHIANI . . . | 18 | 68½ | |
| | | GAYA . . . | 10 | 78½ | } See Route 282. Country partially cultivated; road metalled and bridged throughout suitable for all arms, cross the Lilayan at 4 m. by a permanent causeway, and pass Dehli immediately afterwards, where the Grand Trunk Road is left. For other remarks, see Route 64. |
| | | Total marches, 7 = 78½ m. | | | |

Route No. 319(a).
FROM HAZARIBAGH TO GAYA.
and CHATRA, CHORPARAN AND MATHIANI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|---|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioners of Hazaribagh, Hazaribagh. | SILLA ICHAK . . . | 14 | 14 | } See Route 317. |
| | | DOMUL ICHAK . . . 14,400 sq. yds. | 14 | 28 | |
| | | CHATRA . . . p-o b. | 13 | 41 | } A village; supplies must be collected; good water from wells and the Domul B, 400 yds. E. of which, and ½ m. S.-E. of village, is site for C-G; country very hilly and hilly; road, 20 ft. wide, fit for all arms; nullahs ramped on both sides and fordable; pass Lena at 8 m. A large town, centre of trade in the Hazaribagh District; supplies on notice; plentiful good water from tanks and wells in town, about ½ m. S. of which, in a large mango grove, is site for C-G; country, road and nullahs as above; pass Lupunga at 4½ m. From Chatra road branch off N.W. to Shergathi (see Route 322) and S. to Lohardaga, distant respectively 30 and 66 m. There is another route from Hazaribagh to Chatra which makes the following stages:— Kutkumandi 14 m. Gudhaur 12 " Chatra 10 " TOTAL 36 m. Gradient of above is steep, 1 in 10 over Harhad Ghat, and the remainder 1 in 15; road only partially bridged and unsuitable for artillery. |
| | | PITIJ . . . 20,000 sq. yds. b. | 16 | 56 | |
| | | CHORPARAN . . . | 15 | 71 | |
| | | BALUWA . . . | 10 | 81 | } Country and road as in last stage; cross the Mohana (special arrangements must be made) at 4½ and pass Ikhari (p-o) at 6 m. See Route 266. |
| | | SARWA . . . | 11 | 92 | |
| | | MATHIANI . . . | 13 | 105 | } For other remarks, see Route 319. See Route 282. |
| | | GAYA . . . | 10 | 115 | |
| | | Total marches, 9 = 115 m. | | | For other remarks, see Route 64. |

Route No. 320.
FROM HAZARIBAGH TO PURULIA.
and RAMGARH AND SIL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|---|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioners of Hazaribagh, Hazaribagh. | MANDU . . . | 15½ | 15½ | } See Route 318. |
| | | RAMGARH . . . | 12½ | 28 | |
| | | CHITARPUR . . . 20,000 sq. yds. | 10 | 38 | |
| | | GOLA . . . 20,000 sq. yds. p-o b. | 5 | 43 | } A village; supplies on notice; good water, for a bottle, from wells and tanks in vicinity of C-G, site for which is in a mango grove 220 yds. W. of village; country mostly open and well cultivated; road 20 ft. wide, gravelled, in fair condition, and fit for all arms; nullahs unbridged, but banks ramped and fordable; pass Chhatra at 5 m. A large village; supplies on notice; plentiful good water from wells, tanks and stream near C-G, site for which is close to village; country, road and nullahs as above. |
| | | DINRA . . . 15,000 sq. yds. | 7½ | 50½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Maanbham, Lohardaga, Purulia, Ranchi. | SILI . . . | 8 | 68½ | Country hilly and jungly, with partial cultivation; road, a mere track, not suitable for artillery; cross the Subanrika on starting, fordable except in rains; no ferry. |
| | | JHALDA . . . | 9 | 67½ | |
| | | JAYPUR . . . | 12 | 70½ | See Route 226. |
| | | PURULIA . . . | 16 | 96½ | |
| | | Total marches, 9 = | | | For other remarks, see Route 83. |
| | | 93½ m. | | | |

Route No. 321.
FROM HAZARIBAGH TO RANIGANJ.
via BAGODAR, AND THE GRAND TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Divisional Office of Hazaribagh, per, Gohatpur. | HURLI . . . | 11½ | 11½ | See Route 114(a). |
| | | BHELWARA . . . | 11 | 22½ | |
| | | BAGODAR . . . | 9½ | 32 | For other remarks, see Route 114(a). |
| | | DUMRI . . . | 11½ | 43½ | |
| | | TOPGHANCHI . . . | 14 | 57½ | See Route 206. |
| | | RAJGANJ . . . | 9 | 66½ | |
| | | GOBINDPUR . . . | 12 | 78½ | See Route 84. |
| | | NIRSA . . . | 12½ | 91½ | |
| | | NIAMATPUR . . . | 12 | 103½ | Country level, open and well cultivated; road 17 ft. wide, metalled and nullahs bridged, suitable for all arms; cross the ry. at end of stage. The Damoda R. is S. of town, and has a ferry of 5 boats, each carrying 60 men. |
| | | ASANSOL . . . | 6 | 109½ | |
| | | BOGRA . . . | 6 | 115½ | See Route 84. |
| | | RANIGANJ . . . | 6½ | 121½ | |
| | | Total marches, 12 = | | | |
| | | 121½ m. | | | |

Route No. 321(a).
FROM HAZARIBAGH TO RANIGANJ.
via CHASH, RAGHUNATHPUR AND DHUKIYA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Divisional Office of Hazaribagh, per, Purulia. | DIGWAR . . . | 13 | 12 | See Route 315. |
| | | CHATROCHATTI . . . | 14 | 26 | |
| | | GUMIYA . . . | 13 | 39 | |
| | | ANGWALI . . . | 12 | 51 | |
| | | CHASH . . . | 15 | 66 | |
| | | CHANDAKIARI . . . | 14 | 80 | |
| | | DUBRA . . . | 10 | 90 | |
| | | RAGHUNATHPUR . . . | 10 | 100 | |
| | | SATORI . . . | 12 | 112 | |
| | | 40,000 sq. yds. | | | A village; supplies on notice; indifferent water, supply uncertain, from tanks in village, ½ m. E. of which on roadside is site for G.O.; country open and cultivated with patches of jungle; road 20 ft. wide, unmetalled; nullahs strongly bridged; cross the Olla stream soon after starting, fordable except in rains; no ferry. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCES | | REMARKS |
|---|---------------------------------------|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Colt. of Burdwan, Bankura, Bardhaman. | DHUKIYA . . . 17,600 sq. yds. | 9 | 121 | A village; supplies on notice; fair water, for a batin, from tanks (foul in hot weather) W. of C-G., site for which is in a mango grove N. of and close to village, country hilly and partially cultivated; road good, 20 ft. wide, metalled and fit for all arms; cross a branch of the Damoda at 6 m., by ford, except for an hour or two after high flood. See Route 84. Country open, cultivated and undulating; road 24 ft. wide, and metalled; cross the Damoda at 7 m (width 1/2 m.; strong current, bottom sandy, 16 ft. deep in flood), by ford in dry season, by ferry in rains. |
| | | RANIGANJ . . . | 10 | 131 | |
| | | Total marches, 11 = | | | |
| | | 131 m. | | | |

Route No. 322.
FROM HAZARIBAGH TO SHERGHATI.
 via CHATRA AND HUNTERGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCES | | REMARKS |
|---|------------------------------------|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Hazaribagh. | SILLA ICHAK . . . | 14 | 14 | See Route 317. See Route 318(a). |
| | | DOMUL IOHAK . . . | 14 | 28 | |
| | | CHATRA . . . | 18 | 41 | |
| | | JORI p-o. b. . . | 11 | 52 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | HUNTERGANJ p-o. b. . . | 9 | 61 | A small village and bazar; supplies must be collected; good water from wells and the Lilsjan, near which is site for C-G., country open for first 3 m., thence hilly and jungle; road unmetalled, passing over the Bhura Ghat, over which only lightly laden carts can pass; nullahs ramped and fordable, cross the Jam R. at 7 m., by ford in dry season only; special arrangements would have to be made in rains. A village on left bank of the Lilsjan; supplies on notice; good water from the river, near which is site for C-G.; country, road and nullahs as above; cross the Lilsjan (special arrangements must be made in rains) at 4 m., by ford in dry season only. See Route 206. Country partly cultivated, partly jungle; road unmetalled, but fair; cross the Barhiya and the Murhar at end of stage, fordable in dry season, no ferry. |
| | | SHERGHATI . . . | 10 | 71 | |
| | | Total marches, 6 = | | | |
| | | 71 m. | | | |

Route No. 323.
FROM HAZARIBAGH TO SOOREE.
 via BHELWARA, THE GRAND TRUNK ROAD AND DUBRAJPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCES | | REMARKS |
|---|---|---|-----------|---------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Sub-Div. Officer of Chota Nagpur, Ranchi, Chota Nagpur. | HURLI . . . | 11 1/2 | 11 1/2 | See Route 114(a). |
| | | BHELWARA . . . | 11 | 22 1/2 | |
| | | BAGODAR . . . | 9 1/2 | 32 | |
| | | DUMRI . . . | 11 1/2 | 43 1/2 | |
| | | TOPCHANGHI . . . | 14 | 57 1/2 | See Route 308. |
| | | RAJGANJ . . . | 9 | 66 1/2 | |
| | | GOBINDPUR . . . | 12 | 78 1/2 | |
| | | NIRSA . . . | 12 1/2 | 91 1/2 | |
| | | NIAMATPUR . . . | 12 | 103 1/2 | |
| | | ASANSOL . . . | 6 | 109 1/2 | |
| | | BOGRA . . . | 6 | 115 1/2 | |
| | | BAIDYANATHPUR 46,000 sq. yds. | 14 1/2 | 129 1/2 | A village on right bank of the Adjal; supplies on notice; good water from tanks and the river, close to which is site for C-G.; country cultivated, road, 20 ft. wide, metalled; all nullahs strongly bridged. |
| | | | | | |

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Birbhum, Sooree. | DUBRAJPUR 60,000 sq. yds. p-o. l-s. | 9 | 188½ | A large town; supplies procurable; plentiful good water from tanks close to road W. of which and in fields near town is O-G.; country, road, and nullahs as before; cross the Adjai on starting, by ford in dry season, by ferry (2 boats carrying 30 men each) in the rains, the Hingla at 3½, and the Sal at 6½ m., both fordable except during high flood, no ferries. |
| | | SOOREE | 19 | 151½ | |
| | | Total marches, 14 = 151½ m. | | | |
| | | | | | |

Route No. 324.

FROM HISSAR TO BIKANER as far as BHAL (for remainder see Bombay Route Book No. 200).
via SEWANI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Strind District, Umballa. | Deputy Commissioner of Hissar, Hissar. | CHAUDHRIWAS 300 × 200 yds. | 18 | 18 | A village; supplies on notice; plentiful good water from a well and tank 200 yds. E. of C-G., site for which is near road and N. of village; country level and partially cultivated; road 20 ft. wide, unmetalled and sandy, but passable for all arms; pass Gangna at 4, Malkhan at 7½, and Bheri Jodha at 11 m. |
| | | SEWANI p-o. b. | 7½ | 20½ | A large village; supplies procurable; plentiful good water from 4 wells 160 yds. S. and S.E. of C-G., small site for which is 60 yds. W. of village; country as above; road 30 ft. wide, unmetalled, sandy and very heavy in places, not passable for field artillery; pass Barnawa at 8½ m. |
| | | KALAUD (KOLADA) 111,110 sq. yds. | 8½ | 29 | A small village; supplies on notice; limited and somewhat brackish water from a well in village, close to which and 70 yds. W. of road is extensive site for C-G.; the approach from the road is very difficult owing to sandhills; country and road as in last stage; pass Mohla at 4 m. |
| | | BHAL 300 × 230 yds. p-o. b. | 12 | 41 | A small town; supplies on notice; plentiful good water from a well 60 yds. from C-G., site for which is close to road and N. of town; country and road as above; pass Mandhail at 6 and Surpara at 9 m. |
| | | Total marches, 4 = 41 m. | | | |

Route No. 324(a).

FROM HISSAR TO BIKANER as far as BALSAMAND (for remainder see Bombay Route Book No. 200 (1)).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Strind District, Umballa. | Dr. Commr. of Hissar, Hissar. | BALSAMAND h. | 16 | 16 | A large village; supplies abundant; good water, for a hottn., from a well and tank 600 yds. E. of C-G., site for which is W. of village; country flat and sandy; road unmetalled and sandy, average width 22 ft., passable for all arms; pass Amani Kuri at 6 and Bihwan Buhlan at 12 m. |
| | | Total marches, 1 = 16 m. | | | |

Route No. 325.

FROM HISSAR TO NASIRABAD as far as BASI (for remainder see Bombay Route Book No. 248).

via DADRI AND NARNAUL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Strind District, Umballa. | Deputy Commissioner of Hissar, Hissar. | LADUA 350 × 200 yds. | 8½ | 8½ | A small village; supplies must be collected; plentiful good water from a well and tank 100 yds. S. of C-G., site for which is on flat ground E. of village; country level, sandy, and partly cultivated; road unmetalled and heavy, but passable for all arms; pass Dabral at 5 m. |
| | | JAMALPUR 96,210 sq. yds. p-o. | 11½ | 10½ | |
| | | BALLIAH 856,660 sq. yds. | 6½ | 20½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sindh District, Umballa. | Chief Commissioner of Punjab Government. | BHIWANI 184,000 sq. yds. p-o. l-r-s. b. | 10½ | 80½ | A good-sized town; supplies plentiful; abundant good water from wells and tanks within a radius of ¼ m. of C-G., which is N.W. of and close to town; country and road as in last stage; pass Suli at 3½ m. |
| | | MANHERU r-s. | 8 | 44½ | A small town in Jhind territory; supplies on notice; plentiful good water from a well and tank close to village, anywhere round which is extensive site for C-G.; country and road as above; pass Nangal at 6 m. |
| | | DADRI 150,000 sq. yds. p-o. r-s. | 9½ | 54 | A town in Jhind territory; supplies abundant; plentiful good water from a well 20 yds. from C-G., site for which is N.E. of town, and 500 yds. from road; country and road as before; pass Soluwas at 5 and Ghilar at 7 m. |
| | | DUDHOA | 7½ | 61½ | A small village in Jhind territory; supplies scarce; plentiful good water from 3 wells at Ohangror village, about 2 m. W. of Dadhori; no C-G.; country and road as above. |
| | | BOWANA | 9½ | 70½ | A village in Patiala state; supplies and fodder on notice; abundant water (mostly tank brackish) from 6 wells in vicinity of village, near which is extensive site for C-G.; country and road as above. |
| | | KANUND | 8 | 78½ | A town in Patiala state; supplies on notice; fodder procurable; plentiful good water from 12 wells in vicinity of town, near which is extensive site for C-G.; country scantily cultivated; road an unmetalled village path, varying in width; cross a stream at 5, by ford, except in rains, no ferry, and pass Kahiana at 7 m. |
| | | NARNAUL | 13 | 91½ | See Route 189. |
| | | BASI | 11 | 102½ | Country as above; road unmetalled, 15 to 30 ft. wide, very heavy, especially at night, cross a stream at 3½, by ford, pass. Tenaghi at 4, and Firozpur at 6 m. From Narnaul, Alwar is distant 4 marches by an unmetalled road. For remarks see Bombay Route Book No. 269. |
| | | Total marches, 11 = | | | See Route 189(a). |
| | | 102½ m. | | | |

Route No. 326.

FROM HISSAR TO NEEMUCH as far as THANWAS (for remainder see Bombay Route Book No. 240).

via DADRI AND NARNAUL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sindh District, Umballa. | Dy. Commr. of Hissar, Hissar. | LADUA | 8½ | 8½ | See Route 325. |
| | | JAMALPUR | 11½ | 19½ | |
| | | BALLIALI | 6½ | 26½ | |
| | | BHIWANI | 10½ | 36½ | |
| | | MANHERU | 8 | 44½ | |
| | | DADRI | 9½ | 54 | |
| | | DUDHOA | 7½ | 61½ | |
| | | BOWANA | 9½ | 70½ | |
| | | KANUND | 8 | 78½ | |
| | | NARNAUL | 13 | 91½ | |
| G. O. C. Sindh District, Umballa. | Chief Secretary to Punjab Government. | THANWAS | 14 | 105½ | For other remarks, see Route 189. |
| | | Total marches, 11 = | | | A small village; supplies must be collected; plentiful good water from wells in vicinity of C-G., site for which is near village; country well cultivated; road as above; cross the Hansauti (generally dry except in rains) at 4 and pass Garohl at 9 m. |
| | | 105½ m. | | | |

Route No. 327.

FROM HISSAR TO SIRSA.

via ATAHABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sindh District, Umballa. | Commissioner of Hissar, Hissar. | AGROHA 183,560 sq. yds. p-o. b. | 13 | 13 | A small town; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank W. of and close to C-G., which is 40 yds. E. of village; country partially cultivated; road metalled for first 3 m. only, afterwards sandy and heavy, but passable for all arms; pass Landheri at 9 m. |
| | | BADDOPAL 10,380 sq. yds. | 8½ | 20½ | A village; supplies scarce; good water, for a battn., from a well 100 yds. S. of C-G., site for which is 200 yds. N. of village; country barren and sandy; road as in latter part of last stage; pass Kham Kheri at 4½ m. |
| | | FATAHABAD 150,095 sq. yds. p-o. b. | 8 | 28½ | A small town; supplies on notice; plentiful good water from a well 200 yds. S. of C-G., which is 100 yds. S. of town; country and road as in last stage; pass Barpur at 4 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Shahid District, Umballa. | Dy. Commr. of Hoshiarpur. | NARAIL 227,026 sq. yds. b. | 11½ | 40 | A small village; supplies on notice; plentiful good water from a well and tank 200 yds. S. of C-G., which is close to village; country and road as above, except in the 8th m., where the road becomes water-logged and muddy during the rains, making it very heavy for wheeled traffic. Jodhka r-a. is about 3½ m. S-W. See Route 281. Country and road as above, except that the latter is metalled for the last 3 m. |
| | | SIRSA | 18½ | 53½ | |
| | | Total marches, 5 = 63½ m. | | | |

Route No. 328.
FROM HOSHIAHPUR TO DALHOUSE.
via DASUYA AND PATHANKOT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Dy. Commr. of Hoshiarpur. | HARIANA | 9 | 9 | See Route 50(b). |
| | | GARHWALIA | 9 | 18 | |
| | | DASUYA | 7 | 25 | |
| | | MUKERIAN | 9 | 34 | |
| | | MIRTHAL | 12 | 46 | |
| | Deputy Commissioner of Gurdaspur, Gurdaspur. | PATHANKOT | 11½ | 57½ | A village on right bank of the Beas R.; supplies procurable; good water from the river; small site for C-G. E. of the Hoshiarpur-Pathankot road, and about ½ m. from village; country fairly cultivated, but much intersected by ravines; road as above; cross the Beas at end of stage by ferry. The following marches may be made from Dasuya to Mirthal :— Hajipur (p-o.) 12½ m. Mirthal 12½ m. TOTAL 25½ m. Country and road as above; cross the Chaki (fordable except after heavy rain) at 10 m. See Route 304. |
| | | SHAHNUPUR | 8½ | 66 | |
| | | DHAR | 12½ | 78½ | |
| | | DUNERA | 10½ | 88½ | |
| | | NYNI KHUD | 10 | 98½ | |
| | Asst. Commr. of Dalhousie, Dalhousie. | DALHOUSEIE | 18 | 111½ | See Route 176. For other remarks, see Route 300. |
| | | Total marches, 11 = 111½ m. | | | |

Route No. 329.
FROM HOSHIAHPUR TO DHARMSALA.
via GOPIPUR DERAH, RANITAL, AND KANGRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Dy. Commr. of Hoshiarpur. | GAGRET 16,840 sq. yds. b. | 14½ | 14½ | NOTE.—This route is preferable to No. 328(a), being two marches shorter, and therefore better arrangements for crossing the Beas R., vide remarks on Gopipur Derah. A bazar and police stn. at the foot of eastern slope of the Sewalik; supplies procurable; plentiful good water from 2 wells on C-G., site for which is near bazar; country, after first 5 m., hilly; road, unmetalled and broken in places, and heavy up to the hills, thence about 24 ft. wide, good and practicable for wheeled transport; pass Choehal at 5 and Mangwal at 8 m. A bazar; supplies on notice; water good, but scarce; C-G., elevation 3,500 ft., on a series of terraces; country as above; road as in latter part of last stage; cross the Sohan (fordable except after heavy rain) on starting and pass Lohara at 10 m. |
| | | BHURWAIN 67,700 sq. yds. p-o. b. | 12½ | 26½ | |
| | | | | | |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---------------------------------------|--|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meera Meer. | Deputy Commissioner of Kangra, Dharmasala. | GOPIPUR DERAH 18,150 sq. yds. p-o. b. | 11½ | 88½ | A village and bazar; supplies procurable; plentiful good water from springs, wells, and streams; C.G. E. of p-o.; country and road as above; cross the Beas at end of stage, by bridge-of-boats in dry season, by ferry (4 boats carrying 100 men each) in the rains. |
| | | RANITAL 14,910 sq. yds. b. | 18 | 61½ | A village with bazar and police stn.; supplies on notice; water good and plentiful; site for C.G. in fields E. of road and near village; country and road as above. |
| | | KANGRA (BHOWAN). p-o. b. | 11 | 62½ | A town; supplies plentiful; abundant good water from wells and springs close to C.G., small site for which is N.E. of dispensary; country and road as above; cross the Bangunga (bridge), on route. The fort is 1 m. from Bhowan bazar and situated on a rock 150 ft. above the Bangunga R.; this eminence is nearly 3 m. in circumference and bounded for the most part by nearly perpendicular precipices. |
| | | LOWER DHARMSALA. 300 x 160 yds. p-o. t-s. b. | 9 | 71½ | A bazar and sarai, elevation 4,000 ft.; supplies plentiful; abundant good water from streams; C.G. S. of the old Gurkha lines; country and road as above. |
| | | UPPER DHARMSALA 800 x 120 yds. | 5½ | 76½ | A small cantonment and civil stn.; supplies and water plentiful; C.G. near stn.; country hilly and well cultivated; road good, but unmetalled, fairly steep to Kotwali Bazar, thence an easy rise all the way; cross a nullah en route by a wooden bridge. |
| | | Total marches, 7 = | | | |
| | | 76½ m. | | | |

Route No. 329(a).
FROM HOSHIARPUR TO DHARMSALA.
 via NADAUN AND JAWALANUKHI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---------------------------------------|---|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meera Meer. | Dr. Commr. of Hoshiarpur, Hoshiarpur. Deputy Commissioner of Kangra, Dharmasala. | GAGRET . . . | 14½ | 14½ | See Route 320. |
| | | AMB . . . p-o. | 6½ | 21 | A village; supplies on notice; plentiful good water from wells in village, near which are open sites for large C.G.; country hilly; road unmetalled and heavy in places, but practicable for wheeled transport; pass through fields to the Bohan R., which is crossed over a pebbly bed at 2½ m. |
| | | KULOHA . . . | 10 | 31 | A small village between 2 nullahs which are impassable in the rains; supplies on notice; plentiful good water from a well and tank about 300 yds. from C.G., site for which is in fields near village; country as in last stage; road unsuited for carts, and nullahs difficult in the rains; pass Satlu at 3 m. |
| | | NADAUN . . . p-o. | 18 | 44 | A small town on left bank of the Beas; supplies on notice; good water from the river; small site for C.G. S. of the Hamirpur road and near town; country and road as above; the latter runs along the edge of nullah for 1½ m., then goes up one or two hills at easy gradients; nullahs difficult in rains. |
| | | JAWALANUKHI . 12,100 sq. yds. p-o. | 7 | 51 | A small town lying on the side of a small range of hills; supplies on notice; plentiful water from springs, wells, and streams, but indifferent, except from one well 100 yds. from C.G., site for which is W. of road and near town; country and road as above, latter level; cross the Beas on starting by ferry (1 boat carrying 80 men). |
| | | RANITAL . . . | 12 | 63 | Country as above; road good and fit for wheeled traffic; cross a nullah (strongly bridged, descent bed) at 7½ m., all smaller nullahs bridged. |
| | | KANGRA (BHOWAN). p-o. | 11 | 74 | See Route 329. |
| | | LOWER DHARMSALA. | 9 | 83 | |
| | | UPPER DHARMSALA. | 5½ | 88½ | |
| | | Total marches, 9 = | | | |
| | | 88½ m. | | | |

Route No. 330.
FROM HOSHIARPUR TO GURDASPUR.
 via MUKERIAN AND NOWSHERA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dr. Commr. of Hoshiarpur, Hoshiarpur. Dr. Commr. of Gurdaspur, Gurdaspur. | HABIANA . . . | 9 | 9 | See Route 50(b). |
| | | GARHDIWALA . . . | 9 | 18 | |
| | | DASUYA . . . | 7 | 25 | |
| | | MUKERIAN . . . | 9 | 34 | |
| | | NOWSHERA GHAT, right bank of the Beas. | 6½ | 30½ | See Route 49. Country as in last stage; road unmetalled for first 4 m., afterwards metalled. |
| | | GURDASPUR . . . | 9½ | 49½ | |
| | | Total marches, 6 = 48½ m. | | | |

FROM HOSHIAHPUR TO SIMLA.

via RUPAR, KALKA, AND THE TONGA ROAD.

| ACCOMMODATION. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|---|-----------|---|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mian Mir. | Deputy Commissioner of Hoshiarpur, Hoshiarpur. | MAHALPUR . 54,020 sq. yds. | 13½ | 13½ | A village; supplies procurable; plentiful good water from a well on C-G., which is E. of village and W. of road; country level, open and well cultivated; road cut up by numerous torrents, unmetalled, but fair and practicable for all arms; pass the old cantonments at 3½, and Jampur at 10 m. |
| | | GARHSHANKAR . 146,970 sq. yds. p-o. t-s. | 11½ | 25 | A large village; supplies procurable; plentiful good water from wells, one on, and 2 others in village ½ m. from C-G., which is N. of village and W. of road; country and road as before; pass Raniala at 4 and Badesrau at 8½ m. |
| | | MAZARI . 166,740 sq. yds. | 8½ | 33½ | A small village; supplies on notice; plentiful good water from a well W. of road and close to C-G., which is S. of village and E. of road; country as above; road practicable for wheeled transport, but heavy in places, where it crosses torrent beds; pass Panam at 3 m. |
| | | BARTHALA . 170,130 sq. yds. | 13 | 46½ | A small village; supplies on notice; plentiful good water from a well at N-E. corner of C-G., which is S-E. of village and E. of road; country and road as before; pass Siara at 6½ and Balachor (p-o. b.), where a road branches off W. to Jullundur (see Route 378) at 6½ m. |
| G. O. C. Sialkot District, Umballa. | Deputy Commissioner of Umballa, Umballa. | RUPAR . 800 x 130 yds. p-o. t-s. b. | 9 | 65½ | A town on left bank of the Sutlej R., crossed by a ferry to S-W. of town; supplies plentiful; abundant good water from 2 wells near, and (for animals) from the Sirhind canal, 220 yds. from C-G., which is W. of town and close to the river; country chiefly sandhills with partial cultivation; road 30 to 40 ft. wide, unmetalled, heavy in places, but passable for all arms; pass Bharghar at 1 m. and skirt the lower slopes of the Sewalik until the Sutlej is crossed at end of stage, by ferry (4 boats, carrying 100 men each, always available). |
| | | KURALI . 13,000 sq. yds. p-o. | 9½ | 64½ | A large village; supplies on notice; plentiful good water from 3 wells in temple close to C-G., site for which is N-W. of village; country level, open, and well cultivated; road as above; nullahs unfordable after heavy rain; pass Barwara at 2½ and Singh at 6½ m. |
| | | KHARAR . 90,000 sq. yds. p-o. b. | 7½ | 72½ | A small town; supplies on notice; plentiful good water from 2 wells close to C-G., which is N. of road and near village; country, road, and nullahs as above; pass Suharan at 8½ m. A road from Ludhiana (see Route 429) joins in at Kharar. |
| | | KHERI . 80,000 sq. yds. | 8 | 80½ | A small village; supplies on notice; good water from a well (8 ft. diameter, depth of water 1½ ft.) on C-G., which is on roadside near village; country and road as above; cross the Rutiala (fordable except after heavy rain) at 8½, and pass Bhjwara at 7 m. |
| G. O. C. Sialkot District, Umballa. | Deputy Commissioner of Umballa, Umballa. | CHANDIGARH . 60,000 sq. yds. p-o. t-s. b. | 8 | 88½ | A large village; supplies on notice; plentiful good water from 2 wells on C-G., which is on roadside ½ m. N-E. of r-s.; country and road as above; cross the Sukhna (fordable except after heavy rain) at 2 m. and join the Umballa road (see Route 655) at end of stage. |
| | | KALKA . 300 x 270 yds. p-o. t-s. r-s. b. | 7½ | 96 | A small town at the foot of the Himalayas; supplies abundant; plentiful good water from the waterworks ½ m. E. of C-G., which is about ½ m. N-E. of r-s.; country undulating and jungly with partial cultivation; road 30 ft. wide, metalled, and passable for all arms; pass Pinjar at 4 m. The bridge road to Simla via Kasauli and Kakharhatti branches off at Kalka. |
| | | DEARMPUR . p-o. b. | 13½ | 111½ | A few huts; supplies must be collected; good but limited water from a stream ½ m. from village, near which are small sites for C-G.; country mountainous, well wooded, with cultivation in valleys and on terraces; road metalled, 25 to 30 ft. wide, bridged and passable for all arms, ascending gently the whole way. |
| | | SOLAN . p-o. t-s. | 12½ | 124 | A small hill village; supplies procurable; plentiful good water from a spring about 700 yds. E. of village; small site for C-G. on roadside at Chumbaghat, about ½ m. beyond p-o. at Solan; country and road as above; pass road to Dagahai (2½ m. distant) at 2 m. |
| G. O. C. Sialkot District, Simla. | Deputy Commissioner of Simla, Simla. | KHAIRI GHAT . b. | 13½ | 137½ | A halting-place with small bazar; supplies very limited; good water from springs about 600 yds. before reaching bazar, near which is small site for C-G.; country and road as above; pass Khandaghat bazar at 8 m. |
| | | SIMLA Camp . p-o. t-s. b. | 18½ | 156 | A large hill station; supplies abundant; plentiful good water from the waterworks laid on in pipes all over the station, as well as at Sanjauli, 2 m. beyond the Church, where there is a small site for C-G.; country and road as above. There is an alternative route from Kalka, possible only for infantry and mountain artillery, which makes the following stages:— |
| | | | | Kasauli 0 m. Kakharhatti 11½ " Sairi 10½ " Simla 10½ " | |
| | | | | Total marches, 4 = 41½ m. | |
| NOTE.—Whenever carriage is obtained by troops from the Commissariat Department for the march from Kalka to the several hill stations, and vice versa, the following number of stages must be paid for, viz:— | | | | | |
| | | | | Kalka to Simla 6 stages. " " Jutogh 8 " Kalka to Subandhu 8 " " " Kasauli 8 " " " Dagahai 8 " | |
| | | | | Total marches, 14 = 156 m. | |

Route No. 331(a).
FROM HOSHIARPUR TO SIMLA.
via RUPAR, BADI, AND THE OLD ROAD.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---------------------------------------|---------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Acrea Near. | Dr. Commr. of Hoshiarpur, Hoshiarpur. | MAHALPUR . . . | 18½ | 18½ | See Route 331. |
| | | GARHSHANKAR . . . | 11½ | 26 | |
| | | MAZARI . . . | 8½ | 39½ | |
| | | BARTHALA . . . | 18 | 40½ | |
| | | RUPAR . . . | 9 | 56½ | |
| G. O. C. Simla District, Umballa. | Dr. Commr. of Umballa, Umballa. | JUGATHANA . . . | 8½ | 64 | A small village; supplies on notice; good water, for a battn., from wells in vicinity of, and a stream ½ m. from, C-G., small site for which is near village; country level and fairly cultivated; road 10 ft. wide, unmetalled, passable for all arms; pass Kotla at 1, Mianpur at 4½, and Mandwara at 7½ m. |
| | | BADI 480 x 480 yds. b. . . | 11 | 75 | A small village; supplies must be arranged for; good water, for a battn., from springs and a well on C-G., which is E. of, and close to, village; country above, but hilly; road as above; nullahs fordable except after heavy rain; cross the Sur at 10 m., unfordable after floods. |
| | | KHADI . . . | 11½ | 86½ | A small village; supplies on notice; good water, for a battn., from a stream near C-G., small site for which is E. of and close to village; country mountainous with cultivation in the valleys; road 6 to 12 ft. wide, unmetalled, passable only for infantry and mountain artillery; streams are sometimes unfordable during the rains; pass Jharmajra at 1½, Dhajar at 6, and Pata at 8½ m. |
| | | KAKARHATTI . . . | 8 | 94½ | A small village with bazar; supplies on notice; good water from a stream on springs near village, close to which is site for C-G. for a regiment; country as road as above. Subathu is about 2 m. S. of Kakarhatti. |
| | | SAIRI . . . | 10½ | 104½ | A small town; supplies on notice; good but limited water from a spring in village near which is small site for C-G.; country and road as above; cross the Ghumbar R. (fordable except after heavy rain) at 1½ m., by a suspension bridge. |
| | | SIMLA Church . . . | 10½ | 115 | See Route 331. |
| | | Total marches, 11 = 115 m. | | | Country as above; road as before until Simla is entered at Bollesganj bazar after a very steep ascent, at 7½ m., thence metalled; pass road to Jutogh (distance 8 m.) at 5 and cross a fordable nullah at 6½ m. |

FROM JAISALMER TO BAHAWALPUR.

via ISLAMGARH, KHANPUR AND AHMADPUR.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Bahawalpur Territory. | Political Agent at Bahawalpur. | From Jaisalmer to Dawar, 4 marches. | ... | ... | Up to Dawar, see Bombay Route Book No. 213. |
| | | NOHUR (ISLAMGARH). | 32 | 32 | A village with a fort; supplies procurable, forage scarce; good water from 8 wells N. of the fort, near which is extensive site for C.G.; country desert; road unmetalled, but fairly good for 16 m., thence a mere sandy track; pass a small tank at 17 m. |
| | | KOT-MURID | 34 | 66 | A deserted village; no supplies; limited water from wells; extensive site for C.G. anywhere near; country as above; road over a succession of hard sand-hills. |
| | | KHANPUR . 700 x 400 yds. p-o. r-s. b. | 23 | 89 | A large town on a navigable canal; supplies plentiful; abundant good water from 5 wells in vicinity of town, N. of which is site for C.G.; country sandy at first, afterwards alternate jungle and cultivation; road unmetalled, but fair. |
| | | PAKKA LARAN . p-o. | 16 | 105 | A town; supplies on notice; plentiful good water from 3 wells close to C.G., site for which is 4 m. E. of road; country sandy, partly jungle, and partly cultivation; road as above, and bridged, but unsuitable for guns. |
| | | ALLAHABAD . 240 x 100 yds. p-o. | 11 | 116 | A town; supplies procurable; plentiful good water from 3 wells near C.G., site for which is W. of road and close to town; country jungle at first, afterwards low and swampy, but highly cultivated; road and bridges as above. |
| | | CHANIGOT . 440 x 330 yds. p-o. r-s. | 14 | 130 | A large scattered village; supplies procurable; plentiful good water from wells on, and in vicinity of C.G., which is S.-E. of and close to village; country partly cultivated; road and bridges as above. |
| | | AHMADPUR . 390 x 260 yds. p-o. r-s. | 15½ | 145½ | A large town; supplies abundant; plentiful good water from a large well on, and others near C.G., which is W. of and close to town; country and road as above. |
| | | MUSAFIR KHANA | 16 | 161½ | A small village; supplies procurable; plentiful good water from 2 large wells near C.G., site for which is close to village; country and road as above; cross several canals en route, all strongly bridged, and pass Wahi Husain at 8½ m. |
| | | BAHAWALPUR | 11 | 172½ | See Route 123. |
| | | Total stages in Bahawalpur, 9 = 172½ m. | | | Country as above; road unmetalled and bad; cross several canals en route, all strongly bridged. |

Route No. 333.

FROM JALPAIGURI TO BAKSA-DUAR (BAXA).

via MAYNAGURI, FALAKATA, AND ALIPUR.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | MAYNAGURI . 21,000 sq. yds. p-o. | 8 | 8 | A village on right bank of the Bagjan; supplies on notice; good water from the river, in fields near which is site for C.G.; country cultivated, road unmetalled, but raised and nullahs bridged; cross the Tista on starting by a good ferry. |
| | | DHUPGURI . 160,000 sq. yds. p-o. | 12 | 20 | A village on left bank of the Kumlai; supplies must be collected; good water from the stream, in fields near which is site for C.G.; country, road and nullahs as above, cross the Bagjan (generally fordable) on starting, and the Manasi or Jaldhaka at 7 m., by ford in dry season, by ferry (2 boats and 2 rafts) in the rains. |
| | | FALAKATA . p-o. | 12 | 32 | A large village; supplies procurable; fair water from the Mijnai stream, in fields near which is site for C.G.; country open and well cultivated; road and nullahs as above; cross the Golandi at 3, by ford in dry season, by ferry (1 boat) in the rains, pass Saltari at 4, cross the Dudua at 6, by ferry (1 boat and 4 rafts), and the Mijnai at 9 m. by ferry. |
| | | PATLAKAWA . 20,000 sq. yds. | 9 | 41 | A small village on bank of the Silitoma; supplies must be collected; good water from the stream, in fields near which is site for C.G.; country, road, and nullahs as above; cross the Torna at 4 m., by ferry (2 boats and 2 rafts) and the Silitoma at end of stage, by a small ferry. |
| | | ALIPUR | 13 | 54 | Country as above; road unmetalled, but raised above flood-level; cross the Kaljani near end of stage by ferry. See Route 163. |
| | | RAJABHAT | 10 | 64 | |
| | | KHAWA. | 9 | 73 | |
| | | BAKSA-DUAR (BAXA). | 2½ | 75½ | |
| | | Total marches, 8 = 75½ m. | | | |

Route No. 333(a).
FROM JALPAIGURI TO BAKSA-DUAR (BAXA).
 and PATGRAM AND ALIPUR.

| AUTHORITIES. | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS. |
|--|--|---|----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G O C Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | BAKALI . . . 12,000 sq yds | 6½ | 6½ | A large village on left bank of the Tista R.; supplies on notice; plentiful good water from the river, in fields near which is site for C-G.; country open and cultivated, road raised but unmetalled, cross the Tista at 1½ m. at Mandarganj, by ferry of 4 rafts, this river is about 1 m. wide in the rains, and only 300 yds. at other times. |
| | | CHANGRABANDHA p-o | 10 | 16½ | A large bazar on right bank of the Dharla R.; supplies procurable; good water from the river, in fields near which is site for C-G., country and road as above, nullahs either bridged or fordable in dry season, small ferries in the rains |
| | | PATGRAM . . . p-o | 0½ | 23½ | A large village and bazar on right bank of the Dharla; supplies on notice; good water from the river, in fields near which is site for C-G., country well cultivated; road as above, nullahs bridged. |
| | | BALAR HAT . . . 16,700 sq yds | 6 | 31½ | A small village; supplies procurable; good water from a stream, near which is site for C-G.; country, road and nullahs as above |
| | | KHUTIMARI . . . 10,450 sq yds | 13½ | 45½ | A village on right bank of the Torra; supplies must be collected, good water from the river, near which is site for C-G., country partly cultivated, partly jungle; road and nullahs as before; cross the Chonakata stream on starting, usually fordable except after very heavy rain, the Satagra (fordable) at 5½, and the Manarat at 7½ m. by ford or ferry. |
| | | NILKUTI . . . 62,800 sq yds. | 0 | 54½ | Coolah-Holai bazar 1 m. S-W.; supplies procurable; plentiful good water from wells and from the Dura Torra stream, on bank of which is C-G., country as before; road raised, metalled, and strongly bridged, suitable for all arms; cross the Torra on starting, by a ferry of several rafts. |
| | | ALIPUR . . . | 10½ | 65 | See Route 163. |
| | | RAJARHAT | 10 | 75 | |
| | | KHAWA | 9 | 84 | |
| | | SANTABARI . . . | 2½ | 86½ | |
| | | BAKSA-DUAR (BAXA) | | | |
| | | Total marches, 10 = 86½ m | | | |

Route No. 334.
FROM JALPAIGURI TO BOLA DUAR, on the Bhutan Frontier.
 and MYNAGURI AND FALAKATA.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS. |
|---|--|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | MAYNAGURI . . . | 8 | 8 | See Route 333. |
| | | DHUPGURI . . . | 12 | 20 | |
| | | FALAKATA . . . | 12 | 32 | |
| | | MADARHAT . . . 20,000 sq yds p-o. | 18½ | 46½ | |
| | | BOLA DUAR . . . | 14 | 60½ | A small village; no supplies; good water procurable; country as above; road a narrow jungle track; cross the Torsa en route. |
| | | Total marches, 5 = 60½ m | | | |

Route No. 335.
FROM JALPAIGURI TO GOOCH-BEHAR.
 via PATGRAM AND AKHARHAT.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS. |
|---|-----------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Bdpt. of Gooch-Behar, Jalpaiguri. | BAKALI . . . | 6½ | 6½ | See Route 333(a). |
| | | CHANGRABANDHA | 10 | 16½ | |
| | | PATGRAM . . . | 0½ | 23½ | |
| | | BALAR HAT . . . | 6 | 31½ | |
| | | AKHARHAT . . . | 11 | 42½ | |
| | | GOOCH-BEHAR . . . p-o. to r-o. b. | 13 | 55½ | A small town; supplies procurable; plentiful good water from wells in vicinity of C-G., extensive site for which is E. of the Baksa-Duar road; country, nullahs, and road as above, but latter metalled for last 2 m, cross the Jalabha and Torna en route, both by good ferries. |
| | | Total marches, 6 = 54½ m. | | | |

FROM JALPAIGURI TO COOCH-BEHAR.

via PATGRAM AND KHUTIMARI.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Jalpaiguri, Cooch-Behar, Govt. Jalpaiguri. | BAKALI . . . | 6½ | 6½ | See Route 335(a). |
| | | CHANGRABANDHA . . . | 10 | 16½ | |
| | | PATGRAM . . . | 9½ | 26½ | |
| | | BALAR HAT . . . | 6 | 31½ | |
| | | KHUTIMARI . . . | 13½ | 45½ | See Route 335. |
| | | COOCH-BEHAR . . . | 10 | 55½ | |
| | | Total marches, 6 = 55½ m. | | | Country well cultivated; road mixed, partially metalled and strongly bridged, fit for artillery; cross the Torai (200 yds. wide), on starting by ferry of several large boats. |

Route No. 336.

FROM JALPAIGURI TO DARJEELING.

via TITALYAH AND KURSEONG.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | JOHURI . . . | 10 | 10 | A small village on left bank of the Talma Nadi; supplies must be collected; good water from the nadi, on bank of which is site for small C-G.; country open and well cultivated; road unmetalled, but raised and in good order, fit for all arms; nullahs bridged. |
| | | BHAJANPUR 26,600 sq. yds. | 6½ | 16½ | |
| | | TITALYAH . . . 32,030 sq. yds. p-o. b. | 10 | 26½ | A village on right bank of the Karatka; supplies on notice; good water from the river, near which and ½ m. N. of village is site for C-G.; country level, open and low-lying; road and nullahs as above; cross the Talma on starting and the Chaoki about half-way, both fordable, except after heavy rain, when they are crossed on rafts. |
| | | SANNASIKATA 26,040 sq. yds. | 7 | 33½ | |
| | | SILIGURI p-o. t-s. r-s. b. | 8½ | 42½ | A town on left bank of the Maha Nadi; supplies on notice; good water from the nadi, on bank of which and ½ m. N. of village is site for C-G.; country, road and nullahs as above; cross the Karatka on starting, by ford in dry season, by ferry in the rains; unbridged streams fordable. |
| | | | | | |
| | | | | | A village on left bank of the Maha Nadi; supplies on notice; good water from the nadi, near which and ½ m. S.E. of village is site for C-G.; country undulating and partially cultivated; road metalled and bridged, running up the Maha Nadi; pass Dhulabari at 8 m. |
| | | | | | A village on left bank of the Maha Nadi; supplies plentiful; good water from the nadi and 2 wells; extensive site for C-G. on waste land near b.; country and road as above. There is another fair road from Jalpaiguri which makes the following stages:— |
| | | | | | Ambari 16 m. |
| | | | | | Siliguri 10 " |
| | | | | | TOTAL 26 m. |
| | | KHAPRAIL . . . | 7 | 49½ | A small village; supplies must be collected; plentiful good water from a stream, in fields near which is site for small C-G.; country cultivated with patches of scrub jungle; road metalled; nullahs (fordable) bridged with planks, unsuitable for artillery. |
| G. O. C. Presidency District, Darjeeling. | Deputy Commissioner of Darjeeling, Darjeeling. | BISARBATI . . . 20,000 sq. yds. | 6½ | 55½ | A small village, elevation 4,580 ft.; supplies must be collected; plentiful good water from a stream, near which and surrounded by gardens is site for C-G.; country under tea cultivation; road and nullahs as above. Pankhabari (p-o. t-s.) is distant 1½ m. |
| | | KURSEONG (RIFLE RANGE). 500 x 50 yds. p-o. t-s. r-s. b. | 6 | 61½ | |
| | | SONADA p-o. t-s. r-s. | 10 | 71½ | A village, elevation 4,600 ft.; supplies on notice; plentiful good water from a standpipe on C-G., site for which is on the range and close to road; country hilly and jungly; road and nullahs as above. |
| | | DARJEELING p-o. t-s. r-s. | 10 | 81½ | |
| | | Total marches, 10 = 81½ m. | | | A town and convalescent depot; supplies on notice; plentiful good water from the water-works; site for C-G. at Jallapahar, about 1½ m. from Darjeeling; country, road and nullahs as before. |

Route No. 336(a).
FROM JALPAIGURI TO DARJEELING.
via DALING FORT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | KARANTI . 80,000 sq. yds. | 12 | 12 | A village near right bank of the Dharla; supplies on notice; good water from the river, on bank of which and about 2 m. from village is site for C-G.; country level and well cultivated; road, 20 ft. wide, metalled for the first 2 m. only; no river and nullahs strongly bridged; cross the Tista near its junction with the Dharla at 6 m. by ferry of boats and rafts. |
| | | DAM-DIM . 26,000 sq. yds. p-o. t-s. r-s. | 18 | 25 | A small town; supplies on notice; good water, from wells 100 yds. N. of C-G., site for which is E. of road and 1 m. from p-o.; country level and mostly covered with high grass; road as in latter part of last stage; cross the Chul, generally fordable, at 8 m. by ferry (2 boats and 2 rafts) after heavy rain. |
| | | DALING FORT (AMBIK) . 14,170 sq. yds. | 14 | 39 | A village called Ambik Duti; supplies on notice; good water from the Chul, 1 m. E. of which, and about 1 m. from the fort, is site for C-G.; country as above; road 6 to 8 ft. wide, unmetalled and unsuitable for wheeled traffic; stream fordable. |
| | Deputy Commissioner of Darjeeling, Darjeeling. | LABA . . . | 12 | 51 | A halting place; no supplies; good water from a stream 1 m. down the hill; small site for C-G. on both sides of the road and surrounded by jungle; country under tea cultivation and forest; road as above, but rough and difficult; streams fordable. |
| | | FEDONG . . . | 8 | 57 | A halting place; no supplies; good water from streams in vicinity of the small site for C-G.; country jungle; road 6 ft. wide, and in good order; streams as above, some have plank bridges. |
| | | KALINPON . p-o. t-s. | 10 | 67 | A village; supplies on notice; good water from streams in vicinity of village, about 1 m. S-E. of which is site for small C-G.; country mostly under tea cultivation; road, 8 to 12 ft. wide, metalled; streams as above, some have temporary bridges. |
| | | RANGEET . p-o. b. | 15 | 82 | A village near the Tista; supplies on notice; good water from the river (named Great Rangeet R.), close to bank of which is site for small C-G.; country, road and streams as above; cross the Tista at 64 m. by an iron suspension bridge. |
| | | DARJEELING . | 11 | 93 | See Route 336. |
| | | Total marches, 8 = 93 m. | | | Country as before; road 11 ft. wide, unmetalled, but suitable for pack animals; gradient fairly easy. |

Route No. 337.
FROM JALPAIGURI TO DHUBRI.
via HALDIBARI AND PAGLARHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | MAYNAGURI . | 8 | 8 | See Route 333. |
| | | DHUPGURI . | 12 | 20 | |
| | | FALAKATA . | 13 | 33 | |
| | | PATLAKAWA . | 9 | 41 | |
| | | ALIPUR . | 18 | 54 | |
| | Deputy Commissioner of Goalpara, Dhubri. | MAHAKALGURI . 26,000 sq. yds. b. | 11½ | 65½ | A village; supplies on notice; abundant good water from the Tutsari stream, on right bank of which is site for C-G.; country level and partially cultivated; road, 10 ft. wide, unmetalled, but partially bridged and passable for all arms; cross the Gadadhar at 4½ m., by ford in dry season, by ferry (1 raft) in the rains. |
| | | HALDIBARI . | 14 | 79½ | |
| | | KOCHUGAON . p-o. b. | 10 | 95½ | |
| | | DINDINGA . 15,000 sq. yds. b. | 10½ | 116 | |
| | | PAGLARHAT . b. | 10½ | 126½ | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Goalpara, Dhubri. | BALAJAN . b. | 8½ | 134 | A village; supplies from Rupshi (Khagmbari) about 2 m. E.; good water from a well (diameter 4 ft., with 10 ft. of water in driest season) near village, close to which is small site for C-G.; country and road as above. |
| | | DHUBRI . | 12 | 146 | |
| | | Total marches, 12 = 146 m. | | | |

NOTE.—The old route from Kochugraon to Goalpara has been abandoned as impassable.

Route No. 338.
FROM JALPAIGURI TO DINAJPUR.
via TITALYAH AND THAKURGAON.

219

| Authorities. | | Names of stages and site of encamping grounds. | Distances. | | Remarks. |
|---|---------------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Jalpaiguri, Jalpaiguri. | JOHURI . . . | 10 | 10 | NOTE.—Route 338(a) is much shorter than this, but unsuitable for wheeled traffic. See Route 338. |
| | | BHAJANPUR . . . | 6½ | 16½ | |
| | | TITALYAH . . . | 10 | 26½ | |
| | Collector of Dinajpur, Dinajpur. | ATWARI P.O. . . . | 14 | 40½ | A small village on left bank of the Nagar; supplies on notice; good water from wells (to be dug on notice) in vicinity of C.G.; extensive site for which is on bank of the river, where animals may be watered; country slightly undulating and cultivated; road 16 ft. wide, unmetalled, but suitable for wheeled traffic; nullahs (generally fordable) temporarily bridged, but bridges unfit for guns; cross the Nagar at end of stage, by ford except after heavy rain, when a ferry (1 raft) is available. |
| | | RUHIA 500 x 250 yds. b. . . . | 10 | 50½ | A large village; supplies on notice; good but limited water from a well close to C.G., which is in b. compound; country level with rice and jute cultivation; road and nullahs as above; pass Fakirganj at 6½ m. |
| | | THAKURGAON 500 x 400 yds. P.O. . . . | 11 | 61½ | A village; supplies on notice; plentiful good water from a well and the Tangan, near which is site for C.G.; country, road and nullahs as above; cross the Tangan at 5 m., by ford in dry season, by ferry (several rafts) in the rains. |
| | | PRANNAGAR 200 x 100 yds. . . . | 12 | 73½ | A small village on left bank of the Purnabhaba nullah; supplies on notice; good but limited water from a well close to C.G., site for which is near ruined b. and close to the nullah, water in latter unfit for drinking; country as above, but with patches of jungle; road as before; nullahs strongly bridged; cross the Purnabhaba at end of stage. |
| | | KANTONAGAR . . . | 12 | 85½ | A small village on left bank of the Dhapa; supplies on notice; good water from the river, on bank of which and near temple is extensive site for C.G.; country level with rice cultivation; road as above; pass Birganj (P.O.), where a road branches off E. to Barwan P.O., distant about 14 m., at 7 m., and cross the Dhapa at end of stage, by ford in dry season, by ferry (1 raft) in the rains. |
| | | DINAJPUR . . . | 12½ | 98½ | See Route 108. Country undulating and jungle; road as above, except that it becomes wider during last half of stage; nullahs strongly bridged; pass Khoshalpur at 4 m. |
| | | Total marches, 9 = 281 m. | | | |

Route No. 338(a).
FROM JALPAIGURI TO DINAJPUR.
via DEBIGANJ.

| Authorities. | | Names of stages and site of encamping grounds. | Distances. | | Remarks. |
|---|---------------------------------------|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Jalpaiguri, Jalpaiguri. | KASIAHARI 25,000 sq. yds. . . . | 11½ | 11½ | A small village; supplies on notice; good water plentiful; site for C.G. near village; country open and well cultivated; road unmetalled, but good; nullahs only difficult during rains. |
| | | CHILAHATI (BHAWLAGANJ) P.O. . . . | 9½ | 21 | A village; supplies on notice; good water procurable; small site for C.G. near village; country and road as above, but latter unsuitable for artillery. |
| | Collector of Dinajpur, Dinajpur. | DEBIGANJ 25,000 sq. yds. P.O. b. . . . | 12 | 33 | A large village on left bank of the Karata; supplies procurable; good water from the river, near which is site for C.G.; country and road as above. |
| | | KHANSAMA 200 x 150 yds. P.O. . . . | 16 | 49 | A village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country level and cultivated; road as above. |
| | | SUNDERPUK 250 x 100 yds. . . . | 10 | 59 | A small village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above, latter impracticable for guns; nullahs weakly bridged; cross the Atrai en route, by ford in dry weather, by ferry (a lumber raft) in the rains. |
| | | DINAJPUR . . . | 12½ | 71½ | See Route 108. Country light jungle with occasional cultivation; road and nullahs as above. |
| | | Total marches, 6 = 71½ m. | | | |

Route No. 339.
FROM JALPAIGURI TO PURNIA.
via TITALYAH AND KISHANGANJ.

| Authorities. | | Names of stages and site of encamping grounds. | Distances. | | Remarks. |
|---|---------------------------------------|--|------------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Jalpaiguri, Jalpaiguri. | JOHURI . . . | 10 | 10 | See Route 338. |
| | | BHAJANPUR . . . | 6½ | 16½ | |
| | | TITALYAH . . . | 10 | 26½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Purnea, Purnea. | CHOPRA 350 x 220 yds. | 9 | 35½ | A village on left bank of the Dank stream; supplies on notice; good water from the stream, 500 yds. S. of which is C-G.; country open and cultivated; road 25 ft. wide, metalled and bridged; cross the Dank at end of stage. |
| | | ALUAHARI 350 x 180 yds. | 9 | 44½ | A small village; supplies on notice; good water, for a battn., from wells in vicinity of C-G., which is near b.; country and road as above; pass Ramganj at 4 m. |
| | | GAYSAL 450 x 310 yds. | 11 | 55½ | A small village; no supplies; water very limited and wells would have to be sunk; C-G. on roadside near b.; country and road as above. |
| | | KISHANGANJ | 12 | 67½ | Country and road as before; pass Paujipara at 4½ m. See Route 211(a). |
| | | ASURAGARH | 10 | 77½ | |
| | | DINGRA GHAT | 8 | 85½ | For other remarks, see Route 211(a). See Route 211. |
| | | LALBALU | 12 | 97½ | |
| | | PURNEA | 9 | 106½ | For other remarks, see Route 211. |
| | | Total marches, 11 = 106½ m. | | | |

Route No. 340.
FROM JALPAIGURI TO RANGPUR.
via TANGAMARI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Jalpaiguri, Jalpaiguri. Collector of Rangpur, Rangpur. | KASIAHARI | 11½ | 11½ | See Route 338(a). |
| | | OHILAHATI (BHAULAGANJ). | 9½ | 21 | |
| | | PANGA 20,000 sq. yds. | 15 | 36 | A small village; supplies must be collected; water obtainable by digging wells; site for C-G. in fields near village; country open and well cultivated; road 15 ft. wide, and unmetalled; nullahs strongly bridged; cross a stream, generally dry, near Gummati, by a ferry (1 small "dug-out") after heavy rain. |
| | | TANGAMARI 100,000 sq. yds. | 14 | 50 | A small village near the Jannowari R.; supplies must be collected; good water from the river, on bank of which about 4 m. W. of road is C-G.; country and road as above, but latter heavy in parts; cross the Shul Nadi twice en route; nullahs as before. |
| | | KLILALGANJ 15,000 sq. yds. | 18 | 68 | A small village; supplies on notice; water only obtained by sinking wells, the water in the Bula Nadi being undrinkable; site for C-G. in fields W. of road; country, road and nullahs as before; cross the Dhyon nullah at Kusuriganj (p-o) and the Bala at end of stage, both strongly bridged. |
| | | RANGPUR | 18 | 76 | See Route 128. |
| | | Total marches, 6 = 75 m. | | | Country, road and nullahs as above, except that the latter is metalled for last 1½ m.; cross the Ghaghat about half-way, by ford in dry season, by ferry (one raft carrying 15 to 20 men) in rain. |

Route No. 341.
FROM JAMTARA TO MURARAI.
via DOOMKA AND AMRAPARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commissioner of Santal Parganas, Dumka. | BIDIAPATAR b. | 10 | 10 | A village; supplies on notice; indifferent water from 2 tanks, C-G. anywhere in vicinity of village; country as above; road unmetalled, partly bridged, in fair order and fit for all arms in dry weather; the Adajal R. is crossed en route, fordable except when in flood. |
| | | ANGUTIA b. | 11 | 21 | A small village; supplies on notice; indifferent water from 2 tanks; C-G. anywhere near village; country and road as before. |
| | | MADHUBAN 200 x 70 yds. | 11 | 32 | A small village; supplies on notice; good but limited quantity of water from a small stream; C-G. in a clearing in the forest, N. of road; country and road as before; latter runs along the foot of some steep hills for last 2 m. |
| | | DUMKA | 11 | 43 | See Route 74. |
| | | MANJHARA | 7 | 50 | Country and road as before; the More R. (always fordable) is crossed at 8½ m. See Route 229. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commissioner of Nureddabad, Bonthal Pargana, Dumka. | KATIKUND . | 8 | 68 | } See Route 280. |
| | | GOPIKANDON . | 8 | 66 | |
| | | AMRAPARA . | 8 | 74 | |
| | | GERTURA . | 8 | 82 | } A small village; supplies limited; good water from the Banaloi R., on bank of which is extensive site for C.G.; country open and partly cultivated; road unmetalled, 16 ft. wide, partly bridged, and fit for all arms in the dry season; the Banaloi R. is crossed at 1 m., fordable except when in flood. |
| | | MAHESHUPUR . | 6 | 88 | |
| | | MURARAI . | 7 | 95 | |
| | | Total marches, 11 = | | | } Country and road as in last stage. See Route 115. |
| | | 86 m. | | | |

Route No. 342.
FROM JAMTARA TO PAKUR.
via DUMKA AND PAKURIA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Sonthal Range, Dumka. | BIDIAPATAR . | 10 | 10 | } See Route 341. |
| | | ANGUTIA . | 11 | 21 | |
| | | MADHUBAN . | 11 | 32 | |
| | | DUMKA . | 11 | 43 | } For other remarks, see Route 74. |
| | | MANJHARA . | 7 | 50 | |
| | | KATIKUND . | 8 | 58 | } See Route 230. |
| | | GOPIKANDON . | 8 | 66 | |
| | | AMRAPARA . | 8 | 74 | |
| | | PAKURIA . p-o. | 7 | 81 | } A small village; no supplies; water, scarce and of indifferent quality, from wells; C.G. anywhere near village; country open and uncultivated; road as in last stage; a low range of hills is crossed at 2 m. |
| | | KATIMARA . | 8 | 89 | |
| | | PAKUR . 200 x 160 yds. p-o. t-o. r-a. b. | 9 | 98 | } A small village $\frac{1}{2}$ m. S. of road; no supplies; indifferent water from tanks and wells; C.G. anywhere in vicinity of village; country and road as in last stage. A town; supplies procurable; abundant good water from 2 wells in vicinity of C.G., latter being near the kachori; country open and cultivated; road as in last stage. |
| | | Total marches, 11 = | | | |
| | | 98 m. | | | |

Route No. 343.
FROM JAUNPUR TO AZAMGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Jaunpur, Azamgarh, Azamgarh. | GAURA-BADSHAHIPUR . p-o. | 9 | 9 | } A village; supplies on notice; plentiful good water from a well on, and (for animals) from a tank near, C.G., site for which is 100 yds. N-W. of village; country open and partly cultivated; road raised, metalled and bridged; cross the Gumbi and pass through the city of Jaunpur on starting. |
| | | TEKMAN . 160 x 170 yds. b. | 10 | 19 | |
| | | SARSENA . | 10 | 29 | } See Route 64. Country and road as above; pass Gambhirpur (p-o.) at 5 and cross the Nangai at 6 m. See Route 98. |
| | | AZAMGARH . | 10 | 39 | |
| | | Total marches, 4 = | | | |
| | | 39 m. | | | |

Route No. 344. FROM JAUNPUR TO PARTABGARH. via SUJANGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|---|---|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Onitah District, Lucknow, District, Allahabad. | Collector of Jaunpur, Jaunpur. By Country of Partabgarh, Partabgarh. | SIKRARA . . . | 11 | 11 | } See Route 82. |
| | | MACHLISHAHIR . . . | 8 | 19 | |
| | | SUJANGANJ . . . | 9 | 28 | A small village; supplies on notice; plentiful good water from a well on roadside, near C-G, small site for which is $\frac{1}{2}$ in S. of village; country level, open and well cultivated, road unmetalled and low-lying, passes near a jheel about half-way and is liable to be flooded in rains. |
| | | RAMAPURA . . . 18,100 sq yds | 10 | 38 | |
| | | PARTABGARH . . . | 19 | 50 | A good-sized village, supplies procurable, plentiful good water from 2 wells W of C-G, which is on both sides of road, and near village, country as above, road unmetalled, but raised and bridged, practicable for all arms. |
| | | Total marches, 5 = 60 m | | | See Route 31. Country and road as in last stage. |

Route No. 345. FROM JEHANABAD RAILWAY STATION TO ARWAL.

| AUTHORITIES | | NAMES OF STAGES AND SIZES OF ENCAMPING GROUNDS | DISTANCE | | REMARKS |
|--|--------------------------|--|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | JEHANABAD 480 x 127 yds. p-o. r-s b. | ... | ... | None.—As the distances are short, the stage Gidhwa may be omitted A town; supplies procurable; good water from the Darbh R. and from 2 wells in vicinity of O-G, which is E of the town, on the banks of the river. |
| | | NAGLA 170 x 135 yds. | 10 | 10 | A village; supplies on notice; abundant water from 3 wells in vicinity of O-G; country cultivated; road unmetalled, bridged throughout. |
| | | GIDHWA | 10 | 20 | No village; supplies scarce; water for 500 men from a well on O-G, small site for which is N. of road at 20th m.; country as above; road raised, bridged, unmetalled, but fair, crosses the Punpun R. at 1 m, fordable in cold season, one boat, carrying 60 men, during the rains. |
| | | ARWAL | 2 | 22 | See Route 65. Country and road as above; cross the Patna canal (bridged) en route |
| | | Total marches, 3 = 22 m. | | | |

Route No. 346. FROM JESSORE TO CHAKDAHIA RAILWAY STATION. via GOPALNAGAR

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Jessore, Collector of Nadia, Krishnagar. | JHINKARGACHA . | 0 | 0 | } See Route 64. |
| | | JADABPUR . | 7½ | 16½ | |
| | | JOYNTIPUR . | 8 | 24½ | } See Route 130. |
| | | GOPALNAGAR . | 9 | 33½ | |
| | | CHAKDAHIA . RY STN. p-o t-s. | 16½ | 40 | A large village; supplies on notice; abundant good water from 3 tanks close to p-s, E. of and near which, also in the municipal gardens, are ample sites for C O., country level and cultivated, road 24 ft. wide, metalled, bridged and suitable for all arms, pass Chakunden at 8 m. |
| | | Total marches, 5 = 49 m. | | | |

Route No. 347. FROM JESSORE TO FARIDPUR. via MUHAMMADPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--------------------------------|---|----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Jessore, Jessore. | BAGHARPARA . . . p-o | 11 | 11 | A village and police stn., supplies on notice; plentiful but indifferent water from a nullah close to village, in fields near which is site for O-G, country low and subject to inundation; road, raised above flood level, 10 to 20 ft. wide and unmetalled, cross the Bhayrah at Nilgan at 8 m, where a road branches off E. to strongly bridged, and pass Taragany at 8 m, whence a road branches off E. to Narail (p-o), distant about 14 m.; cross a nullah at end of stage, by ferry of 2 boats. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Jessore, Jessore. | BUNAGHAT . . . | 9 | 20 | A small village on the Chitra stream; no supplies; good water from the stream, near which is site for C-G.; country as above; road 14 ft. wide, unmetalled, with many unbridged breaches and subject to inundation; cross the Chitra at end of stage by ferry, 1 boat carrying 25 men. |
| | | NOHATA . . . p-o. | 7 | 27 | A small village on right bank of the Nobonganga; supplies on notice; good water from the river, near which is site for C-G.; country and road as above; nullahs unbridged but ramped; cross the Kakti at 1½ and the Nobonganga at Paltia Ghat at 6 m., both by ferry, 1 boat carrying 12 men. |
| | | MUHAMMADPUR . . . p-o. | 7½ | 34½ | A village and police stn. on the Madhumati; supplies on notice; good water from the river, near which is site for C-G.; country and road as above. |
| | Collector of Faridpur, Faridpur. | SYDPUR . . . | 4½ | 39½ | Country and road as before. |
| | | CHANDPUR . . . | 9 | 48½ | See Route 242. |
| | | KANAIPUR . . . | 4 | 52½ | |
| | | FARIDPUR . . . | 7 | 59½ | For other remarks, see Route 109. |
| | | Total marches, 8 = 59½ m. | | | |

Route No. 348.
FROM JESSORE TO PABNA.
via KUMARHALI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Jessore, Jessore. | BARABAZAR . . . | 10 | 10 | A small village; supplies on notice; water indifferent and very limited in dry season; extensive site for C-G. in fields near village, when not under cultivation; country low; road, metalled and bridged, and above flood-level, fit for all arms; cross the Bhyrab R. at 6 m. |
| | | KALIGANJ . . . | 8 | 18 | A large bazar; supplies on notice; indifferent water from tanks; extensive site for C-G. in fields near village; country and road as above; cross the Chitra at end of stage. From Kaliganj a metalled road runs W. to Kishnaganj r-s., distant 27 m. |
| | | JHENIDAR . . . | 10 | 28 | See Route 242. Country and road as above; cross the Beng at 4 m., near the village of Bischoikhali. |
| | | GARAKHALA . . . | 8 | 36 | A small village on right bank of the Kumar; supplies must be collected; good water from the river; extensive site for C-G. in fields near village; country quite impassable in rains, except by boats; road fair in dry weather; nullahs unbridged; cross the Nobonganga on starting by ferry, 1 boat carrying 35 men. |
| | Collector of Pabna, Pabna. | PANTI . . . | 8 | 44 | A small village; supplies on notice; abundant water from wells and tanks in vicinity of C-G., extensive site for which is in fields near village; country low, but not subject to inundation; road metalled for first 1½ m. only; cross the Kumar on starting by ferry, 1 small boat carrying 13 men. |
| | | KUMARHALI . . . | 6 | 50 | See Route 109. Country as above; road unmetalled and unbridged; cross the Gorai at end of stage, by ferry, 2 boats. |
| | | PABNA . . . p-o. t-s. b. | 13 | 63 | A small civil stn. on left bank of the Ganges; supplies abundant; good water from the river; site for C-G. in fields near town; country very low and frequently flooded; road as above; cross the Ganges at 7 m. by ferry, 2 large boats with platforms and landing stages. |
| Total marches, 7 = 63 m. | | | | | |

Route No. 349.
FROM JHANG TO CHICHAWATNI RY. STN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commr. of Jhang, Jhang. | BORANWALI . . . | 14 | 14 | A police post; supplies on notice; plentiful good water from 3 wells near, but on the opposite side of the road to C-G., which is close to post; country flat, cultivated and slightly wooded; road unmetalled, except the first 3 m., heavy, but practicable for all arms. |
| | | TOBA TEK SING . . . p-o. r-s. b. | 11 | 25 | A police post; supplies on notice; plentiful good water from the canal 1 m. off; site for C-G. near post; country as before; road as in latter part of last stage; cross a canal (bridged) at 5 m. |
| G. O. C. Lahore District, Mian Meer. | Deputy Commr. of Montgomery, Montgomery. | RAJANA . . . 200 x 100 yds. b. | 10 | 35 | NOTE.—The railway to this post is nearly finished; water will then be obtainable from a reservoir 200 yds. from camp. |
| | | KAMALIA . . . 330 x 260 yds. p-o. b. | 11 | 46 | A police post; supplies on notice; good but limited water from 2 wells and a small canal near C-G., which is close to post; country and road as above. |
| | | CHICHAWATNI . . . p-o. r-s. r-a. | 16 | 62 | A town; supplies on notice; plentiful good water from wells in and near sarai; C-G. E. of road and close to town; country partially cultivated; road as above. |
| | | Total marches, 5 = 62 m. | | | A large village, 3 m. N. of r-s.; supplies on notice; plentiful good water from 3 wells, one at r-s. and the other on C-G., which is close to, and S. of, village; country covered with jungle; road as above, but liable to inundation near the Ravi, which is crossed at end of stage, by ferry during rains. |

Route No. 350.
FROM JHANG TO DERA ISMAIL KHAN.
via ATHARANHAZARI, MANKERA AND BHAKKER.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhang, Jhang. | DIRAJ 150 x 130 yds | 13 | 13 | A large village; supplies on notice; plentiful good water from a well N. of C-G, which is S. of, and close to, village, and 3 m. E. of the Chenab R.; country cultivated; road unmetalled, but suitable for all arms |
| | | ATHARANHAZARI 100 x 86 yds. p-o. | 5 | 18 | A village; supplies procurable; plentiful good water from 4 wells in vicinity of C-G, site for which is W. of and close to village; country and road as before; cross the confluence of the Jhelum and Chenab at 3 m., by bridge-of-boats in cold weather, by ferry (4 boats, each carrying 100 men) in hot weather. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. | BHAKKERIWALA 230 x 230 yds. | 15 | 33 | Several villages; supplies very scarce; indifferent water, for a batta, from a well N. of, and near, C-G, which is S. of village road; country a dreary waste, road as before, muddy after passing Dal at 6 m. |
| | | HAIDARABAD p-o. | 16 | 49 | A village with an old dismantled fort; supplies plentiful; abundant good water from wells in vicinity of small C-G, which is N. of, and close to, a well, country and road as above. |
| | | MANKERA 21,450 sq. yds. p-o b. | 10 | 59 | A large village, with a dismantled fort; supplies on notice; plentiful good water from wells near C-G, which is close to b; country as before; road metalled, but often difficult for carts when covered with sand; pass a well of good water about half-way. |
| | | WELL KISNA 47,370 sq. yds | 14½ | 73½ | A well; supplies on notice; plentiful good water from wells in surrounding villages and a limited quantity from the well close to C-G, site for which is near a well, country and road as in last stage. |
| | | BHAKKER | 14½ | 88½ | Country and road as above. See Route 109. For other remarks, see Route 231 |
| | | LAK | 13 | 101½ | |
| | | DERA ISMAIL KHAN. | 7 | 108½ | |
| | | Total marches, 9 = 114½ m. | | | |

Route No. 351.
FROM JHANG TO SHAHPUR.
via SAHIWAL.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meian Meer. | Deputy Commissioner of Jhang, Jhang. | CHAND BHAR- WANA. | 11 | 11 | NOTE.—Troops marching from Shahpur to Moodian would march by this and Route 481, but the journey may be done in five days by embarking in country boats at Khushab on the Jhelum, opposite to Shahpur. The distance is about 250 miles. The villages on the banks are small, few in number, and far apart, consequently supplies are not easily obtained. |
| | | MUNDA, DHAM 43,800 sq yds | 9 | 20 | |
| | | KOT-ISA SHAH p-o. | 9½ | 29½ | |
| | | NIJANG 43,200 sq. yds p-o b. | 11 | 40½ | |
| | | SAHIWAL 71,140 sq. yds p-o b. | 10 | 50½ | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Shahpur, Shahpur. | WADHI 39,200 sq. yds. | 12 | 62½ | A small village; supplies on notice; plentiful good water from a well on, and 3 others in vicinity of, C-G, which is about 1 m. N. of village; country generally well cultivated, especially towards the river; road as above. |
| | | SHAHPUR | 10 | 72½ | See Route 7. Country and road as before. |
| | | Total marches, 7 = 72½ m. | | | |

Route No. 352.
FROM JHANSI TO GOONA.

225

via TALBAHAT, CHANDERI AND SHAHDURA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | | Deputy Commissioner of Jhansi. | | | NOTE.—This route is preferable to No. 352(a), as the road is metalled as far as Talbahat. |
| | | KHAILAR . 180,000 sq. yds. | 8½ | 8½ | A small village; supplies must be collected; good water from 1 well on, and others near C-G, which is close to road and ½ m. from village; country chiefly jungle, undulating and a few hills in places; road good, metalled and bridged; pass Haeeri at 2½ and Bijanji r.s. at 8 m. |
| | | BABINA . 23,000 sq. yds. p-o. r-s. b. | 7½ | 16 | A good-sized village; supplies on notice; good water from a well on, and (for animals) from a tank close to C-G, site for which is near r-s. and ¼ m. from village; liable to be partially flooded during monsoons; country and road as above; cross the Gornari at 2½ m. |
| | | BARABA . 100,000 sq. yds. p-o. | 7½ | 23½ | A small village near the Betwa R.; supplies must be collected; good water from 2 wells about 800 yds. from C-G, which is close to road and ½ m. from village; animals may be watered at the river ¼ m. distant; country and road as above; pass the road to Sirus ferry over the Betwa on starting. |
| | | TALBAHAT . 44,000 sq. yds. p-o. r-s. b. | 8 | 31½ | A town with a hill fort, on the banks of a lake; supplies plentiful; good water from a well on, and (for cattle) from a nullah 400 yds. from C-G, which is close to road and village; country and road as above; cross the Betwa soon after starting, by a causeway, except in rains, when being generally impassable, the river must be crossed at Sirus ferry; the marches then are— Babina to Sirus 12 m. Talbahat 9 " } Resident at Gwalior. |
| Deputy Commissioner of Lalitpur. | | JAKHAURA . p-o. | 11½ | 43 | A village; supplies on notice; plentiful good water from 2 wells 800 yds. from, and (for animals) from a tank near C-G, site for which is close to road and village; country as above; road, a fair weather one, unmetalled, but raised and bridged. |
| | | SARWARD . | 11 | 54 | A very small village near the Betwa; supplies must be collected; fair water from the river, close to which is site for large C-G; country and road as above, but latter very rough in places and not well bridged. |
| | | CHANDERI . 200×200 yds. p-o. | 9 | 63 | A large village, with a hill fort; supplies procurable; plentiful good water from several wells near C-G, which is close to road and village; country undulating and jungle; road as above; cross the Betwa soon after starting, by a ford in dry season, by ferry (one boat carrying about 50 men) in rains. From Babina there is a rough track to Chanderi which avoids the double crossing of the Betwa, but it would be impassable for carts in the rains. Sirus Ghat 12 m. Achrani 11 " } Masjid Ghat 10 " } Chanderi 12 " } |
| | | THOBAN . 60,000 sq. yds. | 12 | 76 | A small village; supplies scarce; fair water from the Lilar close to village, near which, and S. of road, with a rough track leading to it, is C-G; country and road as above, but latter almost impracticable for carts in the rains. |
| | | AMROD . 37,600 sq. yds. | 10 | 86 | A small village; supplies must be collected; water, for a battn., from a well about ½ m. from C-G, which is close to village and road; country level and chiefly cultivated; road as above. |
| Resident at Gwalior, Gwalior. | | PACHHAR . 160,000 sq. yds. p-o. r-s. | 10 | 96 | A village with a small fort; supplies on notice; plentiful good water from wells near C-G, which is close to village and r-s.; country undulating, partially cultivated; road, a mere track, impassable for carts in rains. |
| | | SHAHDURA . 137,280 sq. yds. r-s. | 10 | 106 | A large village with an old ruined fort; supplies procurable; plentiful good water from 2 wells, one on, and the other 100 yds. from, C-G, which is close to road and village; country level and chiefly cultivated; road slightly better. |
| | | PINIGHATI . 120,000 sq. yds. | 7 | 112 | A very small village on right bank of the Sind R.; supplies must be collected; abundant water from a well on C-G, which is about 260 yds. from village and road; country undulating and jungle; road very roughly metalled; the ry. line passes near village. |
| | | GOONA . | 13 | 125 | See Route 19. |
| | | Total marches, 13= | | | Country as above; road unmetalled, impracticable for carts in rains; cross the Sind on starting, by ford, and pass Pagara r-s. at 3½ m. |
| | | 125 m. | | | |

Route No. 352(a).
FROM JHANSI TO GOONA.
via MYAPUR AND MIANA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | | Dy. Commr. of Jhansi. | | | |
| | | CHAMAURA . 34,260 sq. yds. | 9 | 9 | A small village; supplies must be obtained from Jhansi; good water from a well 200 yds. from C-G, site for which is near village, but liable to be flooded in rains; country chiefly jungle; road, metalled for first 2½ m. only, but practicable for carts except in rainy season, runs within ¼ m. of the Pahaj during the last half of the march. |
| | | PANARI . | 14½ | 23½ | A village; supplies procurable; plentiful good water from wells in vicinity of village, near which is site for C-G; country undulating and partially cultivated; road neither metalled nor bridged, but passable for wheeled traffic except during rains; pass Baidora at 4½ and Dubki at 9 m. |
| Resident at Gwalior, Gwalior. | | PACHHAR . p-o. | 9 | 32½ | A large village with a fort; supplies plentiful except fuel and fodder; water for a battn., from wells and tanks (water in latter not good) in vicinity of village, near which is site for C-G; country and road as above; pass Rappur at 4 m. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | MYAPUR . . . | 11½ | 4½ | A village; supplies scarce; plentiful good water from wells, and the Mohwa stream near village, close to which is site for C-G; country hilly and cultivated in places; road as above. |
| | | BARAPAHARA . . . | 12 | 50 | A small village; supplies scarce; plentiful but indifferent water from the Ali stream close to village, near which is site for C-G; country and road as above but latter not so good; at 1 m. ascend the Mynpur Ghat, short, but very stony; cross the Mohwa (fordable) <i>en route</i> . |
| | | RANGARH . . . | 11 | 67 | A village; supplies must be collected; good but very limited water from spring and wells close to village, near which is small site for C-G; country level and partially cultivated; road as above. |
| | | KALABAGH . . . | 12 | 79 | A small village; supplies on notice; good water, for a battn., from a well on C-G., small site for which is close to village and road; country and road as above. |
| | | MIANA . . . 750,000 sq. yds. | 10 | 89 | A small town with fortress; supplies plentiful; good water, for a battn., from wells and a stream (dry in hot weather) in vicinity of village, near which are E. of the Bombay road, is C-G; country undulating, with open jungle road as above; cross the Sind (fordable but difficult) about half-way. |
| | | BHADAURA . . . | 6½ | 94½ | Join the Bombay road soon after starting. See Route 19. |
| | | GOONA . . . | 12 | 106½ | |
| | | Total marches, 10= | | | |
| 106½ m. | | | | | |

Route No. 353.
FROM JHANSI TO NOWGONG.
via MAU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|--------------------------------------|--|--|-----------|--------|--|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Bundelkhand District, Agra. | Deputy Commissioner of Jhansi, Jhansi. | From Collector's Court to— | | | See Route 318. | |
| | | BARWA-SAGAR . . . | 10½ | 10½ | | |
| | | SAKRAR . . . | 10½ | 21½ | | |
| | | BANGRA . . . | 8 | 29½ | | |
| | | MAU . . . | 11½ | 40½ | | |
| | | KOTRA . . . | 7½ | 48½ | A small village on left bank of the Dhasan R.; supplies on notice; camel-grazing plentiful; good water from 2 wells on C-G., which is about ½ m. from village and the river, where animals may be watered; country and road as above. There is no occasion to halt at Kotra except during the rains. | |
| | | 81,220 sq. yds. | | | | |
| | | ALIPURA . . . | 5½ | 53½ | A large village; supplies procurable; plentiful good water from 8 wells close to, and (for animals) from a stream ½ m. from C-G., which is about ½ m. from village; country and road as above, except at the Dhasan, which is crossed on starting, by ford in dry season, by ferry (2 boats, each carrying 40 men) in the rains. | |
| | | 420 x 880 yds. p-o. | | | | |
| | | NOWGONG . . . | 10½ | 64½ | A cantonment and civil stn.; supplies abundant; plentiful good water from a well on C-G., which is E. of cantonments and 1 m. from p-o.; country undulating and partially cultivated, with patches of jungle; road metalled and good; pass Buisgaon at 2 and Dauria at 6 m. | |
| 300 x 250 yds. p-o. t-s. b. | | | | | | |
| Total march . . . = | | | | | | |
| 64½ m. | | | | | | |

Route No. 354.
FROM JHANSI TO PILAPHUND RAILWAY STATION.
via PUNCH, KUNCH, AND JALAUN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dy. Commr. of Jhansi, Jhansi. | BARAGAON . . . | 8½ | 8½ | See Route 149. |
| | | OHIRGAON . . . | 9½ | 18½ | |
| | | SEMBRI . . . | 7½ | 25½ | |
| | | MOTH . . . | 7½ | 33½ | |
| | | PUNCH . . . | 8½ | 41½ | |

| ACCOMMODATION. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|-----------------------------------|-------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Narmad District, Narmad. | Collector of Jabalpur, Orisi. | KUNCH . . . | 18½ | 54½ | See Route 152 (a). Country flat, open and partially cultivated; road unmetalled, but raised and bridged; pass Sunso at 7½ and Ihari at 11 m. |
| | | DHERE 450 × 200 yds. p-o. b. | 7½ | 62 | A village; supplies on notice; plentiful good water from wells in vicinity of C.G., which is S.E. of village and covered with babul trees; country and road as in last stage, but latter bad in rains; pass Poshipura at 6 m. |
| | | JALAUN . . . | 10 | 72 | See Route 152. Country and road as above; pass Chanikhas at 5 m and Lona at 7 m. From Jalaun a road branches off S.E. to Orsi, distant 13 m. |
| | | HADRUKH p-o. b. | 8 | 80 | A village; supplies on notice; good water, for a battn., from a well W. of C.G., extensive site for which is on both sides of road, S.E. of village; country as above; road good, metalled and bridged; cross the Malanga stream at 4½ and pass Shalpur at 6 m. |
| | | KUTHAUND 40½ × 250 yds. p-o. b. | 7½ | 87½ | A village; supplies on notice; good water, for a battn., from a well S. of C.G., which is near village and partly occupied by a large tank; country and road as above; pass Alampur at 2½ and Harsingpur at 4½ m. |
| | Collector of Elowah, Elowah. | AURAIYA . . . | 0 | 90½ | See Route 50. Country and road as above; cross the Jumna R. at 6½ m., by bridge-of-boats in dry season, by ferry (50 boats, each carrying about 60 men) in the rains. |
| | | THAPHUND RY. STN. 35½ × 350 yds. | 12 | 102½ | Thaphund-town is about 6 m. S.W. of the r.-s.; supplies procurable; plentiful good water from wells in vicinity of r.-s., on a large sandy plain near which is C.G.; country level, open and well cultivated; road as above; cross the Seyngat at Chachauli about half-way. |
| | | Total marches, 12= | | | |
| | | 108½ m. | | | |

Route No. 355.
FROM JHANSI TO SAUGOR.
via TALBAHAT, LALITPUR AND MALTHON.

| ACCOMMODATION. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|--------------------------------------|--|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | By Commr. of Bundelkhand, Jhansi. | KHAILAR . . . | 8½ | 8½ | See Route 352. |
| | | DABINA . . . | 7½ | 16 | |
| | | BARAEA . . . | 7½ | 23½ | |
| | | TALBAHAT . . . | 6 | 31½ | |
| | Collector of Lalitpur, Lalitpur. | DANSI 14,000 sq. yds. p-o. r-s. b. | 13½ | 45 | A village; supplies procurable; good water from a well on, and (for cattle) from a tank 200 yds. from C.G., which is close to road and ½ m. from village; country level and chiefly jungle; road good, metalled and bridged; pass Jamalpur at 8½ m. From Lalitpur an unmetalled road runs N.W. to Jakhaura, distant 10 m., but hardly passable in rains. |
| | | LALITPUR 27,28 sq. yds. p-o. l-s. r-s. b. | 11 | 60 | A small cantonment and civil stn.; supplies abundant; plentiful good water from a well on, and a tank ½ m. from C.G., which is near town on the Jhansi road; country level and chiefly cultivated; road as above; pass Nandanwara at 4 m. |
| | | BIRWA 145,600 sq. yds. p-o. b. | 11½ | 67½ | A village; supplies procurable; good water from a well on C.G., which is 600 yds. E. of village and near road, liable to be flooded in the rains; country undulating with partial cultivation; road as above; cross the Sajad on starting; pass Ghiswar at 4½ and Bheroni at 7 m. |
| | | GUNA 154,450 sq. yds. b. | 9½ | 77 | A village; supplies on notice; good water from a well on, and (for cattle) from a tank close to C.G., which is near road and village; country and road as above; pass Unia at 6½ m. |
| | | MALTHON 272,150 sq. yds. p-o. b. | 7½ | 84½ | A small town with a fort, situated to the S. of the Narmad Ghat; supplies plentiful; abundant good water from 2 wells on, and (for animals) from a small lake 700 yds. E. of C.G., which is ½ m. E. of road; country hilly, wild and barren; road as above; avoid ghats on starting. |
| | Deputy Commissioner of Saugor, Saugor. | RAJWAS 272,200 sq. yds. | 12 | 96½ | A small village; supplies on notice; good water, for a battn., from a well on C.G., which is E. of road and near village; country as before as far as Baroda, 8½ m., thence barren; road as above. |
| | | BANDHI 272,250 sq. yds. p-o. b. | 9 | 105½ | A small village; supplies on notice; good water, for a battn., from a well on, and a stream E. of C.G., which is E. of road and near village; country barren; road as above. |
| | | RANIPUR 175,200 sq. yds. | 8½ | 114 | A small village; supplies on notice; good water, for a battn., from a well on C.G., which is E. of road and near village; country and road as before; cross the Darsu at 5 m. by ford over a paved Irish bridge except after heavy rain, when a ferry (1 boat carrying 25 men) plies. |
| | | SAUGOR . . . | 7 | 121 | See Route 27. Country undulating and partially cultivated; road metalled for the last 2½ m. only; pass Kapuria at 5 m. |
| | | Total marches, 13= | | | |
| | | 121 m. | | | |

Route No. 355 (a).
FROM JHANSI TO SAUGOR.
 via TIKAMGARH AND SONRAI.

| AUTHORITIES. | | Name of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. O. Bundelkhand District, Agra. | Dr. Commr. of Jhansi. | From Collector's Court to— | | | NOTE—Route 355 is better than this, being metalled and suitable for all arms. See Route 313. |
| | | BARWA-SAGAR | 10½ | 10½ | |
| | | PARTIPUR 42,000 sq. yds. | 12½ | 23½ | A good-sized village; supplies on notice; plentiful good water from wells in vicinity of, and (for animals) from a tank ½ m. from C-G., which is close to road and ½ m. from village; country undulating and junky; road neither metalled nor bridged, in very bad condition and hardly passable for loaded carts; pass Mahara at 6 m. |
| | | DAMORI 400 × 160 yds. | 12½ | 36½ | A village; supplies on notice; plentiful good water from 5 wells in fields near, and (for cattle) from a tank ½ m. from C-G., which is on the roadside R. of village; country and road as above; pass Chattri at 8½ m. |
| | | BILGAM 160 × 160 yds. | 12½ | 49½ | A very small village; supplies scarce; plentiful good water from 8 wells in fields near, and (for cattle) from a small tank ½ m. from C-G., site for which is on roadside ½ m. from village; country and road as above. |
| | | TIKAMGARH (TEHRI). 70,000 sq. yds. p-o. | 9½ | 59 | A large walled town with a fort; supplies plentiful; good water from 3 wells near C-G., which is on roadside ½ m. N. of town; country partially cultivated; road as above, excepting that the last few miles are metalled and bridged, and in fair condition. |
| | | MAHRONI 460 × 860 yds. p-o | 18½ | 77½ | A good-sized village; supplies procurable; good water from wells in village, ½ m. from which, with an unmetalled road leading to it, and close to a well, is C-G.; country chiefly jungle; road as in latter part of last stage; cross the Jumna Nadi at 1½ m., only impassable in very heavy flood. |
| | | SAIDPUR 100 × 80 yds. | 9½ | 87½ | A village; supplies scarce; brackish but drinkable water from wells on and near, and (for animals) from a tank close to C-G., which is near road and village; country open and cultivated; road unmetalled, but bridged and in fair condition; pass Nainwar at 4½ m. |
| | | SONRAI 250 × 160 yds. | 9½ | 97 | A small village; supplies must be collected; good water from a well near C-G., which is on roadside close to village; country chiefly jungle; road neither metalled nor bridged, and in very bad condition, hardly passable for carts in dry weather. |
| | | DHAMONI 193,800 sq. yds. | 9½ | 106½ | A small village; supplies on notice; indifferent water, for a battn., from a well N. of, and (for animals) from a tank near C-G., which is W. of road and near village; country undulating; road unmetalled, but bridged and practicable for cavalry; nullah unsuitable for carts; pass Tangana at 4½ m. |
| G. O. O. North India District, Jabalpur. | Deputy Commissioner of Saugor. | DARAUL 169,400 sq. yds. | 9½ | 116 | A small village near left bank of the Daman; supplies procurable; good water from the river, close to which and W. of road is C-G.; country hilly and junky; road as above, but better; pass Pathara at 4 m. |
| | | MASWASI | 6½ | 122½ | A small village; supplies procurable; good water, for a battn., from a well 200 yds. E. of C-G., extensive site for which is E. of road and village; country as above; road metalled and partially bridged, suitable for all arms; cross the Daman soon after starting, by a causeway in dry season, by ferry (1 small boat) after heavy rain. |
| | | SAUGOR | 0½ | 123 | See Route 37. |
| | | Total marches, 12=124 m. | | | Country hilly and junky with partial cultivation; road metalled for last 2 m. only, but bridged throughout. |

Route No. 356.
FROM JHANSI TO SIPRI.
 via KARERA.

| AUTHORITIES. | | Name of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. O. Bundelkhand District, Agra. | Deputy Commr. of Jhansi. | RAKSA 300 × 200 yds. p-o. | 7½ | 7½ | A small village; supplies must be collected; plentiful good water from a stream and a well on C-G., which is on roadside, ½ m. W. of village; country flat, scrub-jungle and little cultivation; road metalled, bridged and kept in good repair; cross the Pahuj R. at 3 m. |
| | | DINARA 100 × 100 yds. p-o. b. | 8½ | 16 | A large village; supplies procurable; plentiful good water from a well on, and a large sheet close by, C-G., site for which is near road and about ½ m. from village; country, scrub-jungle, hilly and stony; road as above; pass Dangarwala at 3 m. |
| | | KARERA 200 × 200 yds. p-o. b. | 12 | 28 | A small town; supplies procurable; good water from the Mohwar R., on bank of which and 1½ m. W. of town is extensive site for C-G.; country and road as above; cross the Bural stream at 7 m. by a stone causeway. |
| | | MITLONI 200 × 100 yds. b. | 14 | 42 | A small village near left bank of the Sind R.; supplies scarce; good water from the river, on bank of which near bridge is site for C-G.; country very hilly, thick, stony jungle; road as before; cross the Mohwar on starting, pass Amoli (several wells here) about ½ m. before reaching the Sind, which is crossed at end of stage. |
| | | SABUYA 160 × 160 yds. b. | 7 | 49 | A small village; no supplies; plentiful good water from a well on C-G., site for which is near b.; country less hilly and more cultivated; road as before. |
| | | SIPRI | 12 | 61 | See Route 19. |
| | | Total marches, 8=81 m. | | | Country hilly; road as above. |

Route No. 356(a).
FROM JHANSI TO SIPRI.
via KARERA AND NARWAR.

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| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Dunderhand District, Agra. | By Commander of Jhansi, Jhansi. Resident at Gwalior, Gwalior. | RAKSA . . . | 7½ | 7½ | See Route 855. |
| | | DINARA . . . | 8½ | 16 | |
| | | KARERA . . . | 12 | 28 | |
| | | NAROWI 72,400 sq. yds. | 11½ | 39½ | A village; supplies on notice; plentiful good water from 5 wells near C-G., which is 150 yds. from the river; country level; road unmetalled, and unsuitable for wheeled traffic; cross the Mehwar (generally fordable) soon after starting and pass Dumduma at 4 m. |
| | | NARWAR 75,000 sq. yds. p-o. | 8½ | 48 | |
| | | SATANWARA . . . | 15 | 63 | A good-sized town; supplies, fuel and fodder plentiful; abundant good water from a stream, tank and 4 wells near C-G., which is about 1 m. from the town; country hilly; road as in last stage. Country and road as above; cross the Sind R. (strongly bridged) during the first half of the stage. See Route 19. |
| | | SIPRI . . . | 9½ | 72½ | |
| | | Total marches, 7 = 72½ m. | | | |

Route No. 357.
FROM JHELMU TO DERA ISMAIL KHAN.
via PIND-DADAN-KHAN AND KHUSHAB.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Jhelum, Jhelum. Deputy Commissioner of Shahpur, Shahpur. Deputy Commissioner of Rawal Pindi, Rawal Pindi. | SANGHOI . . . p-o. | 10 | 10 | NOTE.—This route is suitable for artillery in dry weather only. A large village; supplies abundant; plentiful good water from a well, near which and close to sarai is small site for C-G.; country well cultivated; road unmetalled, but good; cross the Khan nullah (a sandy bed 1 m. wide in dry weather, impassable after heavy rain) at 4 m. A village; supplies plentiful; abundant good water from wells close to C-G., which is near sarai and ½ m. from village; country and road as above; cross the Hunhar R. (impassable in the rains) at 7 m. A small town; supplies plentiful; abundant good water from wells close to, and (for animals) from a tank opposite sarai, near which and W. of town is site for C-G.; country as above, but hilly; road unmetalled, indifferent, sandy and rocky in parts, winds in and out among the low hills of the salt range; pass Miriala at 4 m. A village; supplies abundant; good water from a well 600 yds. S. of sarai, and (for animals) from a pond in the village; the water of the other wells is brackish; C-G. near village; country partially cultivated; road unmetalled and fair, but swampy in wet weather; pass Sherpur at 5 m. See Route 7(a). Country poorly cultivated; road as before; pass Haranpur at 5 m. A small town on the right bank of the Jhelum; supplies scarce; good water from the river, on bank of which and near town is site for C-G.; country level; road unmetalled, but fair. A small village; supplies on notice; good water from the Jhelum, near which is site for C-G.; country and road as above; pass Mirith at 6½ m. A small village; supplies on notice; good water from the Jhelum, distant 1½ m.; site for C-G. close to village; country and road as above. See Route 7. Country and road as before; pass Sandral (p-o.) at 5 m. A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is close to village; country barren; road unmetalled and sandy but good. A village; supplies on notice; plentiful good water from a well on C-G., site for which is 1 m. from village and 8. of w.; country and road as in last stage. NOTE.—Mitha-Tiwana is shown in place of Dujar (p-o.) as being a more suitable place of encampment. A small village; supplies on notice; good but limited water from wells in vicinity of C-G., which is near village; country as above; road unmetalled, somewhat heavy in parts, and difficult for wheeled transport. A large village; supplies on notice; plentiful good water from a well, near which and close to village is site for C-G.; country and road as in last stage. A small village; no supplies; plentiful good water from 3 wells, in vicinity of which and near village is site for C-G.; country and road as above, but latter in better condition. A small village; no supplies; plentiful good water from 2 wells in village, close to which is site for C-G.; country and road as before; pass Tinda at 5 m. A large village on edge of the desert; supplies on notice; plentiful good water from wells near village; site for C-G. close to b.; country and road as before, but latter sandy and heavy towards end of stage. See Route 23. Country cultivated; road metalled in parts and heavy for wheeled traffic; the length of the stage will always depend on the position chosen every year for the bridge-of-boats at the Dera ferry over the Indus. For ferries, etc., see page (1). |
| | | DABAPUR . . . 200x150 yds. p-o. | 10½ | 20½ | |
| | | JALALPUR KIKNA . . . 100x100 yds. p-o. | 10½ | 31 | |
| | | DIHIALA . . . 250x100 yds. p-o. | 10½ | 41½ | |
| | | PIND-DADAN-KHAN . . . | 10½ | 52 | |
| | | AINADABAD . . . p-o. | 12 | 64 | |
| | | BUGA . . . | 12 | 76 | |
| | | HAJAR . . . p-o. r-o. | 10 | 86 | |
| | | KHUSHAB . . . | 9 | 95 | |
| | | HIADALI . . . 300x250 yds. p-o. r-o. b. | 9½ | 104½ | |
| | | MITHA-TIWANA . . . 125,300 sq. yds. p-o. r-o. | 6 | 110½ | |
| | | ADHI SARGAL . . . 207x120 yds. | 16 | 126½ | |
| | | JANDANWALA . . . 160x100 yds. p-o. | 16 | 141½ | |
| | | HETU . . . 15,240 sq. yds. | 16 | 157½ | |
| | | SHARINWALA . . . 200x250 yds. | 0 | 160½ | |
| | | DARYA KHAN . . . 170 x 80 yds. p-o. r-o. b. | 12 | 178½ | |
| | | DERA ISMAIL KHAN . . . | 14 | 192½ | |
| | | Total marches, 17 = 192½ m. | | | |

Route No. 358.
FROM JHELUM TO EDWARDESABAD.
via CHAKWAL, TALAGANG, KALABAGH AND LAKI

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|---|---|------------------------|---------|---|
| Military | Civil. | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhelum. | DINA | 12 | 12 | See Route 260 |
| | | SOHAWA | 13½ | 25½ | |
| | | BULBUL KHURD . 45,400 sq. yds. | 14 | 39½ | |
| | | DUMAN (AMIRPUR MANGAN) 48,400 sq. yds. | 14 | 53½ | A small village; supplies scarce; good but limited water from a spring, near which and W. of village is site for C-G. Country cultivated; road unmetalled after it leaves the Grand Trunk Road at 1½ m., but fair and suitable for wheeled traffic. |
| | | CHAKWAL | 18 | 66½ | |
| | | | | | See Route 7 (a). Country and road as above. There is another route to Chakwal from Jhelum, which makes the following stages:— |
| | | | | | Rohtas 10 m. |
| | | | | | Ardman 10 " |
| | | | | | Gora Utham 10 " |
| | | | | | Duman 10 " |
| | | | Chakwal 18 " | | |
| | | | TOTAL 58 m. | | |
| G. O. C. F. Force, Abbottabad. | Deputy Commissioner of Bannu, Edwardesabad. | BAL BIKHARI | 13 | 79½ | A large village; supplies plentiful; good but limited water from a spring near C-G, site for which is N. of and close to village; country as above, road as before, but practicable for carts; cross the dry sandy bed of a nullah at 6½ m. |
| | | TALAGANG | 14 | 93½ | |
| | | SINGWALA | 11½ | 105 | See Route 299 |
| | | TAMMAN | 8 | 113 | |
| | | SHAH MUHAM-MADWALA. | 13 | 126 | For other remarks see Route 298. |
| | | NTEI | 10 | 136 | |
| | | MARI | 17 | 153 | See Route 4. |
| | | KALABAGH | 8 | 161 | |
| | | KAMARMASHANI | 14½ | 175½ | |
| | | ISAKHCEL | 14 | 189½ | |
| DARBA TANG | 8 | 197½ | | | |
| LAKI | 10½ | 207½ | | | |
| | | NAURANG SARAI . | 15 | 222½ | |
| | | EDWARDESABAD . | 16 | 238½ | |
| | | Total marches, 19 = | | 288½ m. | |

Route No. 359.
FROM JHELUM TO KOHAT.

via CHAKWAL, PINDIGHEB, JAND AND KHUSHALGARH.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--|---|----------|-------|---|
| Military | Civil. | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | DINA | 12 | 12 | See Route 263. |
| | | SOHAWA | 18½ | 25½ | |
| | | BULBUL KHURD . | 14 | 39½ | |
| | | DUMAN (AMIRPUR MANGAN). | 14 | 53½ | See Route 358. |
| | | CHAKWAL | 18 | 66½ | |
| | | | | | For other remarks see Route 7 (a). |
| | | MANDA | 12 | 78½ | A small village; supplies on notice; good but limited water from a spring close to C-G, site for which is near village; country intersected by ravines; road 40 ft. wide, unmetalled but suitable for camels. |
| | | MUTRALA 38,720 sq. yds. | 17½ | 96½ | |
| | | PINDIGHEB | 14 | 110½ | A large village; supplies procurable; plentiful good water from wells in vicinity of C-G, site for which is on flat ground close to village; country undulating and partly cultivated; road unmetalled and heavy, seldom used by troops; cross the Bolan R. (fordable except after heavy rain) soon after starting. |
| | | BHAI DASSU | 10 | 120½ | |
| | | JAND | 10 | 130½ | A small village; supplies must be collected; indifferent limited water from a tank, near which is site for C-G; country cut up by nullahs, but fairly cultivated; road as above; cross the Bili (fordable, except after heavy rain) soon after starting and pass Dhandi on the Rawal Pindi-Dera Ismail Khan road (Route 668) at 1½ m. |
| | | | | | See Route 6. Country and road as in last stage. |

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------------------|--|-----------|---------|--------------|
| Military. | Civil. | | Miles | Total | |
| G. O. C. P. F. Feroz Abbottabad. | Deputy Commissioner of Kohat, Kohat. | KHUSHALGARH . . . | 0 | 130½ | See Route 5. |
| | | GUMBAT . . . | 16 | 164½ | |
| | | KOHAT . . . | 16 | 169½ | |
| | | Total marches, 13 = | | 169½ m. | |
| | | | | | |

Route No. 359(a).
FROM JHELUM TO KOHAT.

via TALAGANG, PINDIGHEB AND KHUSHALGARH.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|---------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Jhelum, Jhelum. | DINA . . . | 12 | 12 | See Route 266. |
| | | SOHAWA . . . | 13½ | 25½ | |
| | | BULBUL KHURD . . . | 14 | 39½ | |
| | | DUMAN (AMIR-PUR MANGAN). | 14 | 53½ | See Route 368. |
| | | CHAKWAL . . . | 13 | 66½ | |
| | | BAL BIKHARI . . . | 13 | 79½ | For other remarks see Route 7(a). |
| | | TALAGANG . . . | 14 | 93½ | |
| | | SARUKOT . . . | 8½ | 102½ | A small village; supplies must be collected; plentiful good water from a stream near C.G., site for which is close to village; country level, open and cultivated; road unmetalled, but fair. |
| | | DOKH PATHAN (DOKH AFGHAN). | 9½ | 111½ | |
| | | PINDIGHEB . . . | 9 | 120½ | A small village on right bank of the Sohan R.; supplies must be collected; good water from the river, near which is site for C.G.; country and road as in last stage; crosses the Sohan (fordable, except after heavy rain) at end of stage. |
| | | BHAI DASSU . . . | 10 | 130½ | |
| | | JAND . . . | 10 | 140½ | Country as above; road neither metalled nor bridged and unsuitable for artillery. See Route 859. |
| | | KHUSHALGARH . . . | 9 | 149½ | |
| | | GUMBAT . . . | 16 | 164½ | For other remarks see Route 359. |
| | | KOHAT . . . | 15 | 179½ | |
| | | Total marches, 15 = | | 179½ m. | See Route 5. |

Route No. 359(b).
FROM JHELUM TO KOHAT.
via CHAKWAL AND PINDIGHEB.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhelum, Jhelum. | DINA . . . | 12 | 12 | See Route 266. |
| | | SOHAWA . . . | 13½ | 25½ | |
| | | BULBUL KHURD . . . | 14 | 39½ | |
| | | DUMAN (AMIR-PUR MANGAN). | 14 | 53½ | See Route 368. |
| | | CHAKWAL . . . | 13 | 66½ | |
| | | MANDA . . . | 13 | 79½ | For other remarks see Route 7(a). |
| | | MUTRALA . . . | 17½ | 96½ | |
| | | PINDIGHEB . . . | 14 | 110½ | See Route 359. |
| | | NAKA KALAN . . . | 12 | 122½ | |
| | | HADOWALI (KADOWALI). | 12 | 134½ | A small village; supplies on notice; plentiful good water from wells, ½ m. from which is large site for C.G.; country hilly, stony and rough; road 24 ft. wide, unmetalled and unsuitable for artillery; it is seldom used by troops. |
| | | MAKHAD . . . | 9 | 143½ | |
| | | | | | A small village; supplies scarce; indifferent limited water from a well in a nullah bed ½ m. from village; C.G. must be arranged for; country and road as above. |

See Route 60.
Country and road as before.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|--------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | DIHAND . . . | 12 | 165½ | A small hamlet; supplies on notice; good water, from a spring, near which is extensive site for C-G.; country as before; road bad, passing from one stony ravine to another; cross the Indus on starting by ferry carrying 40 men. |
| | | SHAKARDAREA p-o. | 12 | 167½ | A village; supplies on notice; plentiful but brackish water from springs, near which is extensive site for C-G.; country and road as before. |
| | | SHAWAKI . . . | 13 | 180½ | A small village; supplies on notice; limited water from a tank, which sometimes dries up; extensive site for C-G. near village; country and road as above. |
| | | LACHI . . . 800 x 160 yds p-o. b. | 9 | 189½ | A large village; supplies on notice; plentiful good water from a well on, and (for animals) from a nullah near C-G., which is W. of road and ½ m. from village; country as above; road unmetalled, but good. |
| | | KOHAT . . . | 17 | 206½ | See Route 6. |
| | | Total marches, 16 = 206½ m. | | | Country alternately hills and valleys, and partially cultivated; road as before, but practicable for guns; descend the steep descent of the Gadda Khel Kotla, passing Gadda Khel at 8 and crossing the Tawi R. (difficult for a few hours after heavy rain) at 18 m. |

Route No. 360.
FROM JHELUM TO MONTGOMERY.
via RAMNAGAR, HAFIZABAD AND GUGERA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|--|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Gujrat, Gujrat. | AURANGABAD . . . | 3½ | 3½ | See Route 266. |
| | | KHOHAR . . . p-o. | 9½ | 13 | A village; supplies on notice; plentiful good water from wells in vicinity of C-G., extensive site for which is in fields near village; country slightly hilly and partly cultivated; road, unmetalled and heavy in places, but suitable for all arms, runs along left bank of the Jhelum and crosses many hill torrents which are not difficult. |
| | | DINGA . . . | 16 | 28 | See Route 802. |
| | | PARIANWALI . . . | 10½ | 39½ | Country jungle with little cultivation after leaving the Pabbi Range which is crossed by the Kori pass soon after starting; road as above, but unsuitable for artillery. |
| | Deputy Commissioner of Gujranwala, Gujranwala. | RAMNAGAR . . . | 12 | 50½ | A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., extensive site for which is in fields near village; country level, open and cultivated; road, 30 ft. wide, unmetalled, but fair; pass Hasiawala at 6½ m. |
| | | GAJARGOLA . . . | 11 | 61½ | See Route 208. |
| | | HAFIZABAD . . . | 10 | 71½ | Country fairly cultivated; road as above; cross the Chenab (strongly bridged) towards end of stage. |
| | | KHANGARH- DOGRAN. KARKAN . . . | 14 | 108½ | For other remarks see Route 299. |
| | Deputy Commissioner of Montgomery, Montgomery. | GABBA . . . | 12½ | 116 | See Route 801. |
| | | LANDIANWALA . . . | 10½ | 126½ | |
| | | SAYADWALA . . . | 14 | 140½ | For other remarks see Route 300. |
| | | JANDRAKA . . . | 5 | 145½ | See Route 300. |
| G. O. C. Lahore District, Meean Meer. | Deputy Commissioner of Montgomery, Montgomery. | GUGERA . . . | 10 | 155½ | |
| | | AKBAR . . . | 6 | 161½ | For other remarks see Route 300. |
| | | KAURA SHAH . . . | 10 | 171½ | See Route 267. |
| | | MONTGOMERY . . . | 10 | 181½ | |
| | | Total marches, 17 = 181½ m. | | | |

Route No. 361.
FROM JHELUM TO SHAHPUR.
via THE LEFT OF THE JHELUM.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|---|--|---|----------|-------|----------------|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Gujrat, Gujrat. | AURANGABAD . . . | 3½ | 3½ | See Route 206. |
| | | KHOHAR . . . | 9½ | 13 | See Route 266. |

| ACTIVITY. | | Names of stages and site of camping grounds. | Distance. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Div. Commr. of Qujrat, Gujrat. Deputy Commissioner of Multan, Multan. | MUNG . . . | 14 | 27 | Country slightly hilly with cultivation on the slopes towards the Jhelum; road 80 ft. wide, unmetalled but suitable for all arms; pass Rasul (a ferry over the Jhelum here) and leave the neighbourhood of the hills at 8 m. See Route 303. |
| | | BADSHAHPUR . . | 15 | 42 | |
| | | MIANI . . . | 11½ | 53½ | For other remarks see Route 302. |
| | | BHERA . . . | 9 | 62½ | |
| | | CHAK-RAMDAS . . | 11 | 73½ | See Route 7 (a). |
| | | JHAWARIAN . . . | 8½ | 82½ | |
| | | SHAHPUR . . . | 11 | 93½ | For other remarks see Route 7. |
| | | Total marches, 9 = 93½ m. | | | |

Route No. 361(a).
FROM JHELUM TO SHAHPUR.
via JALALPUR KIENA AND BHERA.

| ACTIVITY. | | Names of stages and site of camping grounds. | Distance. | | REMARKS. |
|---|---|--|-----------|--------|----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Jhelum. Deputy Commissioner of Multan, Multan. | SANGHOI . . . | 10 | 10 | See Route 367. |
| | | DARAPUR . . . | 10½ | 20½ | |
| | | JALALPUR KIENA . . | 10½ | 31 | For other remarks see Route 367. |
| | | DHARIALA . . . | 10½ | 41½ | |
| | | PIND-DADAN-KHAN . | 10½ | 52 | See Route 7(a). |
| | | MIANI . . . | 7½ | 59½ | |
| | | BHERA . . . | 9 | 68½ | For other remarks see Route 7. |
| | | CHAK-RAMDAS . . . | 11 | 79½ | |
| | | JHAWARIAN . . . | 8½ | 88 | |
| | | SHAHPUR . . . | 11 | 99 | |
| | | Total marches, 10 = 99 m. | | | |

Route No. 362.
FROM JHELUM TO SRINAGAR.
via CHAUMUK, PUNCH, THE HAJI PIR PASS, URI, AND BARAMULA.

| ACTIVITY. | | Names of stages and site of camping grounds. | Distance. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhelum, Jhelum. Resident in Kashmir, Srinagar. | DELTAL 48, 100 sq. yds. . . | 14 | 14 | A small village on the right bank of the Jhelum; supplies scarce; plentiful good water from a well and the river, near which and S. of village is C.G.; country level, open, and cultivated; road unmetalled, but fair, and fit for carts. |
| | | TANGROTE . . . | 13 | 27 | A village on the right bank of the Jhelum; supplies scarce; good water from the river, near which and close to village is site for C.G.; country hilly; road, unmetalled, bad, and unsuitable for wheeled traffic, runs along the river bank, and should only be used on great emergency. |
| | | CHAUMUK . . . | 10 | 37 | A village in Kashmir territory on left bank of the Jhelum, elevation 1,202 ft.; good water from the river; country and road as before; cross the Jhelum (by ferry) on starting, and the Punch Tawi at end of stage. From Chamuk there is a direct path to Kotli, but it is difficult and unfit for laden ponies. |
| | | SENGAR . . . | 21 | 58 | A small hill village; supplies procurable; plentiful water; country and road as before; pass Liari at 7 m. where a halt can be made if necessary. |
| | | KOTLI . . . | 15 | 73 | A large village on the left bank of the Punch Tawi R.; supplies procurable; good water from the river; country as before; road difficult, but practicable for laden animals. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | | | | From Kotli there is a path to Punch by the Sana and Nandheri Galls which makes the following stages:— Market 18 m. Punch 16 " TOTAL 33 " |
| | | | | | There is also a route to Naoshera by the Ban nullah as follows:— Koiratia 15 m. Naroka 10½ " Naoshera 12 " TOTAL 37½ " |
| | | | | | This road is said to be fit for ponies. |
| | | SAIRA | 14 | 67 | A village on the left bank of the Junda; supplies procurable; good water from the river; country and road as before; pass Sāmbrī about half-way, where good water is obtainable. |
| | | PUNCH | 10 | 103 | |
| | | KAHUTA | 12 | 115 | Country mountainous; road indifferent; cross the Punch Tawi by a ferry opposite the town. |
| | | ALIABAD | 9 | 124 | |
| | | HYDRABAD | 8 | 132 | See Route 303(a). |
| | | URI | 14 | 146 | |
| | | NAOSHERA | 14 | 160 | For other remarks see Route 3. |
| | | BARANULA | 9 | 169 | |
| | | PATAN | 10½ | 185½ | See Route 3. |
| | | SRINAGAR | 17½ | 203½ | |
| | | Total marches, 15 = 202½ m. | | | |

Route No. 363.
FROM JOWAI TO NOWGONG (ASSAM).
via YEWTHYMMAI AND KAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|---|------------------|--|
| Military | Civil | | Miles. | Total | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Khasi and Jaintia Hills, Shillong. | NARTIANG b. | 14 | 14 | A large village on N. bank of the Myntang R.; supplies on notice from the weekly market called "Yawmulong" situated about a mile N. of b.; plentiful good water from the river; small site for C-G. around b.; country hilly; road to Nartlang follows the Shillong-Jowai road as far as the 26th m. from Shillong, and then branching off to the right (N-E), passes through the villages of Tropyplan and Wayajer, crossing the Umprawni R. at the 6th m.; road unmetalled, average width 6 ft., wooden bridges, passable for ponies; there is a short cut (10m) from Jowai to Nartlang going N., but the streams are unbridged and the Myntang R. crossed twice, is not fordable in heavy rains; no permanent ferries, the river being crossed by bamboo rafts. |
| | | NAIDONG 410 x 200 yds. | 10 | 24 | A village; no supplies obtainable; abundant water from streams near village, S. of which is C-G.; country as before; road a mere hill track some 8 ft. wide, passing over steep hills; practicable for ponies and mules; villages of Malsobkhan and Nongmull are passed en route. |
| | | RYMPHUN 410 x 200 yds. | 12 | 36 | A halting-place; supplies not procurable; abundant good water from a stream close by; country very sparsely inhabited; road as before; cross the Namdong, Mungor, Pandikhar, and Myntshrei streams, unbridged, fordable in cold season. |
| | | MYNSER | 15 | 51 | A village; dham and fodder for animals plentiful, other supplies scanty, but procurable on notice; good water from the Mynser stream; ample space for C-G. available N. and S. of village; road as before; cross the Mlangken R., unbridged and unfordable, by bamboo rafts; all other streams fordable. |
| | | YEWTHYMMMAI (UMKARTO) 500 x 200 yds. | 10 | 61 | A village on S. bank of the Umkarto at its junction with the Amkriang R.; supplies scarce except on the weekly market day; plentiful good water from the river; C-G. E. of village; country and road as in previous stages; on market days small boats are brought from Nowgong with merchandise. |
| | | Deputy Commissioner of Nowgong, Nowgong. | KAMPUR 100 x 100 yds. p-o. t-a. r-a. b. | 32 (by river) | 93 | Note.—From Yewthymmai to Kampur the track is practically impassable for any except active hill men; communication by water is, however, possible all the year round, distance by river about 32 m. |
| | KOTIATALI 100 x 100 yds. p-o. b. | | 0 | 93 | A large village; supplies procurable; plentiful good water from a tank, well, and the Kapill stream; site for C-G. available W. of the Kampur-Salana road and S. of village. |
| | NOWGONG | | 12½ | 111½ | A village; supplies procurable; good water from 2 wells in vicinity of C-G., site for latter being available W. of the Kampur-Salana road and S.W. of Dobokhar for latter being available W. of the Kampur-Salana road and S.W. of Dobokhar; good road, unmetalled, average width 8 ft., bridged, fit for ordinary wheeled traffic; the Tuilokra R. (unfordable often in dry season) is crossed in 8th m. by a ferry; some 10 to 13 dug-outs are available, each carrying 17 to 24 men. |
| | Total stages, 8 = 111½ m. | | | | See Route 205. |
| | | | | | Road bridged, capable of bearing artillery, width 25 ft., unmetalled; the Kabang R. W. of town, is crossed by ferry except in the cold season when it becomes fordable. |

Route No. 364.
FROM JUBBULPORE TO BANDA.
via DAMOH, HIRAPUR, CHHATARPUR, AND MAHOBA.

235

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabulpore. | Dy. Commr. of Damoh, Jabulpore. | DAILKHARO. | 11 | 11 | For other remarks see Route 37. |
| | | KATANGI . | 13 | 24 | |
| | | SINGRAMPUR . | 9 | 33 | |
| | | JABHERA . | 9 | 42 | |
| | | NOHTA . | 11½ | 53½ | |
| | | DAMOH . | 14 | 67½ | |
| | | NARSINGARH . | 13 | 80½ | |
| | | BATIAGARH . | 9 | 89½ | |
| G. O. C. Bundelkhand Dist., Agrm. | Pol. Agt. in Bundelkhand, Nalgong. | BAXWAHO . | 13 | 102½ | See Route 150. |
| G. O. C. Nerbudda Dist., Jabulpore. | Dy. Commr. of Sangar, Sangar. | HIRAPUR . | 10 | 112½ | For other remarks see Route 116. See Route 145. |
| G. O. C. Bundelkhand District, Agrm. | Political Agent in Bundelkhand, Nalgong. | SARWA . | 9½ | 121½ | |
| | | MULBARA . | 6½ | 128½ | |
| | | GULGANJ . | 10½ | 139½ | |
| | | MATGAON . | 11 | 149½ | |
| | | CHHATARPUR . | 9½ | 159½ | |
| | | MALARA . | 11½ | 171 | |
| | | SRINAGAR . | 11½ | 182½ | |
| | | MAHOBA . | 9½ | 191½ | |
| | | KABRAI . | 11½ | 203½ | |
| | | MATAUNDH . P.O. R.S. | 10½ | 213½ | |
| G. O. C. Bundelkhand District, Agrm. | Col. of Bns. in Bundelkhand, Nalgong. | BANDA . | 12½ | 226½ | A village; supplies on notice; plentiful good water from wells on and near, and (for animals) from a tank close to, C.G., extensive site for which is W. of village, sometimes inundated in rains; country cultivated; road metalled and bridged; pass Nabdura at 6 m. The r.s. is about 1½ m. from Mataundh. See Route 29. Country undulating, with partial cultivation; road as above; cross the Ken R. towards end of stage, by ferry, 10 large boats on notice. |
| | | Total marches, 21 = 226½ m. | | | |

Route No. 364(n).
FROM JUBBULPORE TO BANDA.
via DAMOH, HATTA, PANNA, DISHAM GHAT, AND DEOGAON.

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpore. | Dy. Commr. of Jabalpore, Jabalpore. Dy. Commr. of Damoh, Damoh. | DAILKHARO . | 11 | 11 | See Route 150. |
| | | KATANGI . | 13 | 24 | |
| | | SINGRAMPUR . | 9 | 33 | |
| | | JABHERA . | 9 | 42 | |
| | | NOHTA . | 11½ | 53½ | |
| | | DAMOH . | 14 | 67½ | |
| | | | | | For other remarks see Route 37. |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbada District, Jabulpore. | Deputy Commissioner of Dauloh, Dauloh. | BANGAON 129,690 sq. yds. | 12 | 78½ | A village; supplies on notice; good water from a well and the Kopra R. within 100 yds. of C-G, which is 200 yds. N. of village; country level and cultivated; road metalled and partly bridged, suitable for all arms; nullahs are crossed by causeways; pass Mahadpore at 6 and Munra at 8 m. |
| | | HATTA 58,080 sq. yds. p-o. | 11 | 90½ | A small town on right bank of the Sonar; supplies abundant; plentiful good water from a well and tank in vicinity of C-G, which is E. of and close to town; country undulating and cultivated; road unmetalled, but bridged and suitable for all arms; nullahs as above; pass Lohara at 6 m. |
| | | HINOTA 116,160 sq. yds. | 10 | 100½ | A village; supplies on notice; plentiful good water from a well and tank near C-G, which is about 800 yds. N. of road; country level and cultivated; road and nullahs as above; pass Haridua at 5 m. |
| | | GAISABAD 106,980 sq. yds. | 6½ | 106½ | A small village near the Biarmi; supplies on notice; good water from the river, 100 yds. W. of which is C-G; country and road as above; pass Gaisabad village at 6 m. |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. | TIGRA | 9½ | 116½ | A small village; supplies on notice; good water from the Ken R., 200 yds. from left bank of which is site for C-G; country as above; road as before, except after rains, when it becomes very difficult for wheeled traffic; cross the Biarmi on starting, by ford in dry season; no arrangements for crossing in rains; pass Semaria at 5 m. |
| | | MAHEWA | 14 | 129½ | A village; supplies on notice; good water from a well near C-G, which is 600 yds. N-W. of village; country as above; road an ill-defined track, bad at all times; nullahs difficult; cross the Ken (fordable except after heavy rain) on starting; pass Kadma at 7 and Tai at 10½ m. |
| | | GONOUR | 9 | 138½ | A village; supplies on notice; plentiful good water from wells near C-G, which is 4 m. from village; country partially cultivated; road as above; pass Jhamta at 6½ m. |
| | | KAKARATI | 8½ | 147½ | A village; supplies on notice; plentiful good water from 3 wells, one on, and the others near, C-G, site for which is about 500 yds. N. of village; country as above; road, a good cart track in dry weather, but impassable in places in rains for wheeled traffic; stream and nullahs generally fordable except after heavy rain. |
| | | PANNA | 12½ | 160½ | Country jungle; road and streams as above, but former metalled and bridged for the last few miles. |
| | | BISRAMGANJ | 12½ | 172½ | |
| | | DEOGAON | 8½ | 181½ | |
| | | NAHARI | 11 | 192½ | See Route 70. |
| | | PANGARA | 11½ | 208½ | |
| | | GIRWAN | 8 | 211½ | |
| G. O. C. Bundelkhand District, Agra. | Collector of Banda, Banda. | BANDA | 12 | 223½ | For other remarks see Route 20. |
| | | Total marches, 21 = 223½ m. | | | |

Route No. 364(b). FROM JUBBULPORE TO BANDA.

via BILHERI, PANNA, BISRAM GHAT, DEOGAON AND PANGARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbada District, Jabulpore. | Deputy Commissioner of Jabulpore, Jabulpore. | PANAGAR | 9 | 0 | See Route 83. |
| | | GHOSULPUR | 9 | 18 | |
| | | SIHORA | 8 | 26 | |
| | | KUREA 9,000 sq. yds. b. | 16½ | 41½ | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. | BILHERI 24,920 sq. yds. p-o. | 12 | 63½ | A small village; supplies procurable; plentiful good water from 2 wells near, and (for animals) from a large tank W. of C-G, site for which is 600 yds. W. of village, where there are 20 other wells; country level and partially cultivated; road metalled for the first 4 m., unmetalled but suitable for all arms, for the next 6½ m., thence a narrow pathway impracticable for wheeled traffic; nullahs unbridged. |
| | | SAINAGAR 260 × 200 yds. | 15 | 83½ | A large village; supplies abundant; good water from the Bahora stream, 100 yds. from which and 100 yds. S. of village, is site for C-G, with a well of good water on the ground; country cultivated for first 4 m., the remainder jungle; road unmetalled and unbridged, from 5 to 7½ m. being a mere track unsuitable for wheeled traffic; nullahs fordable; pass Undi at 10 m. |
| | | BESANI 100 × 60 yds. | 9 | 77½ | A large village; supplies abundant; plentiful good water from the Ken R. and a well near C-G, which is about 4 m. S. of village; country hilly and rugged; road neither metalled nor bridged; ascend a steep rocky ghāt on starting, road suitable only for cavalry and infantry, pass Kahri at 7, cross the Aloni R. (fordable, except after heavy rain) at 8½, and pass Haridua at 9 m. |
| | | SEMARIA 300 × 200 yds. | 13 | 90½ | A small village in Panna state; supplies on notice; plentiful good water from a well near C-G, which is 100 yds. N-E. of village; country rocky, hill, and jungle; road a mere bridle-path; cross the Ken (fordable except after heavy rain) at 1 m. |
| | | | | | A very small village; supplies on notice; good water from the Ken R. near which and about 200 yds. N-W. of village, is C-G; country nearly all jungle; road extremely difficult in parts for laden animals. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bonabekhand District, Agra. | Political Agent in Bonabekhand, Nowgong. Collector of Banda, Banda. | KHOPA 300 x 150 yds. | 0 | 98½ | A large village in Panna state; supplies on notice; plentiful good water from a well on, and 2 tanks near, C-G., which is ½ m. N. of village; country as above; road, simply a path through fields, suitable only for laden animals. |
| | | GONOUR | 12½ | 109 | |
| | | KAKARATI | 8½ | 117½ | Country slightly undulating and cultivated; road, as far as the Ken, as above, thence fair and suitable for carts in dry weather; nullahs generally fordable; cross the Ken at about 3 m. by ford, except after heavy rain, when small boats may be procured. There is a better route from Basani to Gonour (crossing the Ken at Behrasar Ghat, where a halt might be made if desired) which makes the following stages:— Basani to Pawai 13 m. Gonour 17 " |
| | | PANNA | 12½ | 130 | |
| | | BISRAMGANJ | 12½ | 142½ | For other remarks see Route 79. |
| | | DEOGAON | 8½ | 151½ | |
| | | NAHARI | 11 | 162½ | See Route 79. |
| | | PANGARA | 11½ | 173½ | |
| | | GIRWAN | 8 | 181½ | For other remarks see Route 79. |
| | | BANDA | 12 | 193½ | |
| | | Total marches, 18 = | | | |
| | | 193½ m. | | | |
| | | | | | TOTAL 80 m. |

Route No. 365.
FROM JUBBULPORE TO HOSHIANGABAD.
via NARSINGHPUR, GADARWARA AND SOHAGPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Dy. Commr. of Jabalpur, Jabalpur. Deputy Commissioner of Narsinghpur, Narsinghpur. | MIRGANJ 250 x 200 yds. p-o. r-s. | 9½ | 9½ | A small village; supplies procurable; good water from a well, and (for animals) from a small lake, both N-W. of and close to C-G., which is S. of road; country level and cultivated; road metalled and bridged, suitable for all arms; nullahs fordable; pass Gurha at 8½ m. |
| | | SHAHUPURA p-o. r-s. | 8½ | 18 | A large village; supplies procurable; abundant good water from 3 wells, and (for animals) from 2 tanks in vicinity of C-G., site for which is near village; country, road, and nullahs as before, except that between 2½ m. and 8½ m. the road is unmetalled. |
| | | KAMARIA 10,000 sq. yds. | 8 | 26 | A large village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., site for which is S. of road and near village; country undulating and covered with scrub-jungle, but cultivated towards end of stage; road unmetalled but partially bridged and suitable for all arms; pass Bilpathar at 3 and cross the Nerbudda at 6 m., by ford over loose heavy soil in the dry season, by ferry (1 boat carrying 20 men) in the rains; then ascend to Jansighat on the S. bank by a steep path. |
| | | CHHINDWARACHOTA p-o. r-s. | 5 | 31 | A large village; supplies procurable; plentiful good water from 2 wells, and (for animals) from a stream near small C-G., site for which is 100 yds. N. of road; country level and cultivated; road and nullahs as above. |
| | | BIRKHAIRA 120 x 100 yds. | 11½ | 42½ | A large village; supplies procurable; good water from the Shor R., 160 yds. from which and S. of road is site for C-G.; country and road as above; cross the Umar at 4½ and the Jhugungat at 7 m., both generally fordable. |
| | | NARSINGHPUR p-o. t-s. r-s. b. | 11 | 53½ | A small civil stn.; supplies abundant; plentiful good water from 2 wells, and (for animals) from a nullah in vicinity of C-G., which is W. of and close to the Town Hall; country and nullahs as above; road as before for first 6 m., thence metalled and bridged; cross the Shor on starting by ferry (2 boats each carrying 20 men) and pass Khadarn at 7 m. |
| | | KARELI 20,000 sq. yds. p-o. r-s. | 9½ | 63 | A large village; supplies procurable; plentiful good water from 2 wells 100 yds. from C-G., site for which is E. of and near village; country as above; road unmetalled; nullahs fordable; cross the Baruwara (generally fordable) at 4½ m. |
| | | PANAM 108,000 sq. yds. | 8½ | 71½ | A large village; supplies on notice; plentiful good water from many wells in vicinity of C-G., which is 100 yds. E. of village and broken by 2 nullahs running across it; country and road as above, except that the latter is metalled for the first mile; pass Dandesar at 4 m. |
| | | GADARWARA 348,600 sq. yds. p-o. t-s. r-s. b. | 12 | 83½ | A large village; supplies abundant; plentiful good water from 8 wells, and (for animals) from 2 tanks in vicinity of C-G., which is 60 yds. W. of village; country, road, and nullahs as above; pass Kauriya (p-o.) at 9½ m. and cross the Sakar, near end of stage, by ferry, 1 boat carrying 40 men. |
| | | NANDNAIR 849,600 sq. yds. | 7 | 90½ | A small village; supplies on notice; plentiful good water from 3 wells and the Umar stream near C-G., which is 500 yds. S-W. of village; country and road as above; pass Amgan at 5 m. and cross the Umar (fordable) at end of stage; unsuitable for artillery. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Nerbudda District, Jabulpore. | Deputy Commissioner of Hohtagabad, Hohtagabad. | DANKHERI . 877,810 sq. yds. p-o. r-s. | 15 | 105½ | A large village; supplies procurable; plentiful good water from 8 wells and the Ole stream in vicinity of C-G., which is 250 yds. N. of village; country, road, and nullahs as above; pass Paungar at 7½ m. and cross the Dudhi li. immediately afterwards, by ford in dry season, by ferry (1 boat carrying 20 men) in the rains. |
| | | HATWAS . 325,250 sq. yds. | 12½ | 118½ | A large village on left bank of the Kurini; supplies procurable; good water from the river and 10 wells in village, ½ m. N.E. of which is C-G.; country, road, and nullahs as above; cross the Anjan at 5 m., and the Kurini at end of stage, both fordable except after heavy rain. Piparia r-s. is about 1 m. S. of Hatwas, whence a road runs S. to Tashmarhi (see Route 635). |
| | | SOHAGPUR . 144,200 sq. yds. p-o. t-s r-s. b. | 11½ | 129½ | A large town; supplies abundant; good water from 6 wells and the Palakmati R. close to C-G., which is 20 yds. E. of village; country as above; road as before, but partially bridged for first 8½ m., thence metalled; pass Nerani at 4 and Naktus at 6 m. |
| | | SIMRI-HARCHAND . 305,800 sq. yds. p-o. r-s. | 7½ | 136½ | A fair-sized village; supplies procurable; plentiful good water from 4 wells and a nullah close to C-G., which is 20 yds. E. of village; country as above; road as before; by ford in dry season, by bridge ½ m. up the river in the rains, and pass Bimhour at 3 m. |
| | | BABAI . 750 × 400 yds. p-o. | 10 | 146½ | A large village; supplies procurable; plentiful good water from numerous wells, 3 being close to C-G., which is 250 yds. E. of village, where the other wells are; country and nullahs as above; road neither metalled nor bridged, but practicable for all arms; pass Bhudwana at 6½ m. |
| | | TAWA RIVER near NIMSANDIA. 240,850 sq. yds. p-o. | 6½ | 153 | A village; supplies on notice; good water from the river, on left bank of which is C-G., about 1½ m. E. of Nimsandia; country level, partly cultivated and partly covered with tree-jungle; road and nullahs as before; pass Anchalheri at 4 m. and cross the Tawa at end of stage, by ford in dry season, by ferry (1 boat carrying 20 men) in the rains. |
| | | HOSHANGABAD . 600 × 400 yds. p-o. t-s r-s. b. | 8½ | 161½ | A cantonment and civil stn. on left bank of the Nerbudda; supplies plentiful good water from the river, on bank of which and ½ m. N-W. of town is C-G.; country slightly undulating and cultivated; road metalled and bridged after the first 3 m.; pass Nimsandia at 1½ and Jhasulpur at 4 m. |
| | | Total marches, 17 = 161½ m. | | | |

Route No. 366.
FROM JUBBULPORE TO NAGODE.
via THE GREAT DECCAN ROAD AND MAIHAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Nerbudda District, Jabulpore. | Dy. Commr of Jabulpore, Jabulpore. | PANAGAR . | 0 | 0 | See Route 33. |
| | | GHOULPUR . | 9 | 18 | |
| | | SIHORA . | 8 | 26 | |
| | | SLIMANABAD . | 18½ | 80½ | |
| | | PIPRODE . | 8½ | 49½ | |
| | | MURWARA . | 8 | 56½ | |
| | | KYLWARA . | 7½ | 63½ | |
| G. O. C. Bandelkhand District, Agra. | Political Agent, Bandelkhand, Satna. | SUBAHGANJ . | 9 | 72½ | A large village; supplies on notice; plentiful good water from 3 wells near C-G., extensive site for which is about 4 m. E. of village; country undulating; road, 2½ ft. wide, unmetalled, but good in dry weather; nullahs fordable except after heavy rain; cross the Lohi at 2½ m. by ford except after floods. |
| | | GUNWARA . | 12½ | 85 | |
| | | MAIHAR . | 12½ | 97½ | |
| | | ACHNERA . p-o. r-s. | 8 | 105½ | |
| | | MANDHA . | 9½ | 115 | |
| | | NAGODE . | 10½ | 125½ | A small village; supplies on notice; plentiful good water from a well on, and a stream 200 yds. E. of C-G., extensive site for which is on both sides of road and 200 yds. S-W. of village; country flat and open, with but little cultivation; road as above; nullahs and streams generally fordable except in floods. |
| | | Total marches, 18 = 125½ m. | | | See Route 35. Country and road as above, latter difficult in rains; nullahs and streams as before, cross the Amran near end of stage by a good ford. |

FROM JUBBULPORE TO NAGPUR as far as SUKRI (for remainder see Bombay Route Book Nos. 234 or 234 (1)).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jubbulpore. | Deputy Commissioner of Jubbulpore, Jubbulpore. | NIGRI 350 x 230 yds. | 10½ | 10½ | A small village; supplies on notice; indifferent limited water from a well and nullah close to C.G., which is W. of road and near village; animals may be watered at streams about 160 yds. N. of the ground; country open, undulating, and mostly cultivated; road good, metalled, and bridged, except at the Nerbudda R. (320 yds. wide), which is crossed at 6½ m., by ford over an embankment in dry weather, by ferry (4 boats, each carrying 40 men, as well as a number of canoes) in the rains. |
| | | SUKRI 400 x 310 yds. | 9½ | 20 | |
| | | Total marches, 2 = 20 m. | | | A good-sized village; supplies procurable in small quantities; good water, for a batta, from 2 wells in vicinity of, and (for animals) from the Temar stream 80 yds. E. of C.G., which is 400 yds. N.E. of village; country undulating and jungly, with patches of cultivation; road as above; pass Bargi at 8½ m. |

Route No. 368.

FROM JUBBULPORE TO NOWGONG.

via DAMOH, HIRAPUR, AND CHHATARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|---------------------------------------|--|-----------|--------|--|----------------|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Nerbudda District, Jubbulpore. | Dr. Commr. of Jubbulpore, Jubbulpore. | BAILKHARO . . . | 11 | 11 | For other remarks see Route 37. | |
| | | KATANGI . . . | 13 | 24 | | |
| | | SINGRAMPUR . . . | 9 | 33 | | |
| | | JABHERA . . . | 9 | 42 | | |
| | | NORTA . . . | 11½ | 53½ | | |
| | | DAMOH . . . | 14 | 67½ | | |
| | | NARSINGARH . . . | 13 | 80½ | | |
| | | BATIAGARH . . . | 9 | 89½ | | |
| | Dr. Commr. of Damoh, Damoh. | BAXWAHO . . . | 13 | 102½ | | See Route 120. |
| | | HIRAPUR . . . | 10 | 112½ | | |
| | | SARWA . . . | 9½ | 121½ | | |
| | | MULBARA . . . | 6½ | 128½ | | |
| G. O. C. Bandelkhand District, Agra. | Political Agent in Bandelkhand, Agra. | GULGANJ . . . | 10½ | 138½ | See Route 353. Country at first cultivated, afterwards covered with low jungle; road metalled and bridged; pass Dhamora at 6, cross the Urmal (bridged and generally fordable) at 7, and pass Man at 10½ m. | |
| | | MATGAON . . . | 11 | 149½ | | |
| | | CHHATARPUR . . . | 9½ | 159½ | | |
| | | NOWGONG . . . | 14½ | 174½ | | |
| Total marches, 16 = 174½ m. | | | | | | |

Route No. 369.

FROM JUBBULPORE TO SAMBALPUR AND UMARKANTAK as far as TIKARIA (for remainder see Bombay Route Book Nos. 263 and 270, respectively).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jubbulpore. | Dr. Commr. of Jubbulpore, Jubbulpore. | BADELA 2½, 200 sq. yds. p-o. | 0½ | 0½ | A large village; supplies abundant; plentiful good water from 2 wells, one 30 yds. S. of, and the other 100 yds. N. of, C.G., which is 800 yds. S. of road near entrance to village, and 500 yds. S. of a large tank, where animals might be watered; country level, open, and cultivated; road good, metalled, and bridged, practicable for all arms; cross the Gaur at 0½ m., by a causeway in dry season, by ferry (4 m. W.) 1 boat carrying 20 men, in the rains. |

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS. |
|---|---|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. North India District, Jabulpore. | Deputy Commissioner, Mandla District, Mandla. | DHANVAI . 280 x 80 yds. p-o. b. | 14½ | 21½ | A small village; supplies procurable; plentiful good water from a well 100 yds. W. of, and (for animals) from the Hingna (well and stream nearly dry in hot weather) 2 m. from C.G., which is N-E. of road at entrance to village; country undulating and jungle; road as above; at 2½ m. ascend the Nagar Pahar hills by a ghāt about 2½ m. long; cross the Hingna at 18 m., by a low stone causeway in dry season, by ferry (1 boat carrying 20 men) in the rains. |
| | | TIKARIA . 189,020 sq. yds. b. | 9½ | 33½ | |
| | | Total marches 3 = 38½ m. | | | A village; supplies procurable from Narayanganj (p-o.) about 1 m. S-E.; plentiful good water from a well 200 yds. S. of, and a nullah close by, C.G., which is on both sides of road, W. of and close to village; country and road as above; pass Kalpi tank at 8½, and commence the descent of Kalpi Ghāt (8½ m. long) at 4 m. |

Route No. 869(a).

FROM JUBBULPORE TO UMARKANTAK as far as KUNDAM (for remainder see Bombay Route Book No. 270 (1)).

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS. |
|---|--|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. North India District, Jabulpore. | Deputy Commissioner of Jabulpore, Jabulpore. | PARARIA . 300 x 120 yds. | 15½ | 15½ | A small village; supplies must be collected; wood and grass abundant; plentiful good water from a well, and a tank (dry in hot weather) E. of and near C.G., which is on black cotton soil S. of road and near village; country cultivated near road, otherwise jungle; road metalled and bridged, passable for all arms; pass Ranj at 4, Khumaria at 6, and Umaria at 8½ m.; at 10 m. the Jheria Ghāt is crossed, very stony. |
| | | KUNDAM . 100,000 sq. yds. p-o. | 13 | 28½ | |
| | | Total marches, 2 = 29½ m. | | | A large village; supplies procurable; plentiful good water from a well 100 yds. N-E. of, and from a large tank at the source of, the Hiran R., W. of which and S. of road near village is C.G.; country chiefly jungle; road undulating, unmetalled, but in good order and practicable for all arms in dry weather; pass Pipri at 5, Tikaria at 7, and Mohoni at 10 m.; 13 nullahs are crossed en route, 2 only being bridged, but all are passable. |

Route No. 370.

FROM JULLUNDUR TO BAKLOH
via BATALA, GURDASPUR, AND PATHANKOT.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS. |
|--------------------------------------|-------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Mean Meer. | Dr. Commr. of Jullundur, Jullundur. | KATARPUR . | 12½ | 12½ | See Route 266. |
| | | GIRANA . | 8 | 20½ | |
| | | MAHTA . p-o | 16½ | 36 | |
| | Dr. Commr. of Amritsar, Amritsar. | BATALA . | 10½ | 46½ | A large village; supplies on notice; plentiful good water from a well on, and 2 others (which should be cleaned out before using) in vicinity of O-G., extensive site for which adjoins the dispensary compound; country level, open, and fairly cultivated; road from the Hiran R. unmetalled, but level and in fair order; cross the Beas at Wazir Ghāt at 4½ m., by a ferry, boats procurable on notice. The march from Girana to Mahta is a very long and arduous one, much time being taken in crossing the Beas; a grass or straw road should be made across the heavy sand on either side of the river. |
| | | BIDHIPUR . | 9½ | 56½ | |
| | | GURDASPUR . | 9½ | 65½ | |
| | Dr. Commr. of Gurdaspur, Gurdaspur. | PARMANAND . | 12 | 77½ | Country as above; mud fair, but liable to be flooded and broached near Ranghar Nangul, which is passed at 8 m. See Route 49. |
| | | PATHANKOT . | 11½ | 88½ | |
| | | SHAHNUPUR . | 8½ | 97½ | |
| | Asst. Commr. at Delhi, Delhi. | DHAR . | 12½ | 109½ | See Route 304. |
| | | DUNEBA . | 10½ | 120 | |
| | | BAKLOH . | 10 | 130 | |
| | | Total marches, 12 = 180 m. | | | For other remarks see Route 375. For other remarks see Route 175. |

Route No. 371.
FROM JULLUNDUR TO DALHOUSIE.
via DASUYA AND PATHANKOT.

241

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Dy. Commr. of Jullundur, Jullundur. | KALA BAKRA 11,840 sq. yds. | 14 | 14 | A village; supplies on notice; plentiful good water from wells, one on, and others near, C-G, site for which is about 2 m. W. of village; country low, open and well cultivated; road good and metalled; pass by the city of Jullundur at 3, Raru at 4½ and Sangwal at 11 m. |
| | Dy. Commr. of Hoshiarpur, Hoshiarpur. | TANDA 166,010 sq. yds. p-o. | 18 | 27 | A large village; supplies procurable; plentiful good water from wells, one on, and others near, C-G, which is close to village; country and road as above; cross the Beyn at 2 and again at 6½ m., by ford in dry season, by ferry in the rains. |
| | | DASUYA | 10½ | 87½ | See Route 50(b). Country as above; road unmetalled, sandy and much cut up for first 2 m. thence good and practicable for carts; pass Bulan at 6 m. |
| | | MUKERIAN | 9 | 46½ | |
| | | MIRTHAL | 12 | 58½ | See Route 323. |
| | Dy. Commr. of Gurdaspur, Gurdaspur. | PATHANKOT | 11½ | 70 | For other remarks see Route 323. |
| | | SHABPUR | 8½ | 78½ | See Route 304. |
| | | DHAR | 12½ | 90½ | |
| | | DUNERA | 10½ | 101½ | For other remarks see Route 176. |
| | Asst. Commr. of Dalhousie, Dalhousie. | NYNI KHUD | 10 | 111½ | See Route 175. For other remarks see Route 303. |
| | | DALHOUSIE | 13 | 134½ | |
| | | Total march 134½ m. | 11 | | |

Route No. 372.
FROM JULLUNDUR TO DHARMSALA.
via SHAM, HARIPUR AND RANITAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Dy. Commr. of Jullundur, Jullundur. | ADAMPUR | 10½ | 10½ | See Route 50. Country level, open and well cultivated; road metalled and bridged; cross the Beyn near end of stage, dry in dry season, but dangerous to cross in flood. 1.. |
| | Deputy Commissioner of Hoshiarpur, Hoshiarpur. | SHAM | 4½ | 15½ | A small village; supplies on notice; plentiful good water from numerous wells in village, in fields near which is site for C-G.; country as above; road unmetalled but good; cross the Beyn (generally fordable) at 3½ m. |
| | | HARIANA | 11 | 26½ | See Route 50(b). Country as above; road fair, except near the nullahs, where it becomes sandy and heavy; nullahs only difficult after heavy rain. |
| | | DHALBUHA | 9 | 35½ | A small village at foot of the first range of hills; supplies on notice; plentiful good water from a hill stream near village, close to which is extensive site for C-G.; country and road as above. |
| | | PEITHIPUR | 11 | 46½ | A village; supplies must be collected; plentiful good water from wells and a nullah in vicinity of village, near which is site for large C-G.; country hilly; road, an unmetalled hill track, narrow and only practicable for mule transport; pass Hetti at 7 m. |
| | Deputy Commissioner of Kangra, Dharamsala. | DADAH | 13 | 59½ | A small village near left bank of the Beas; supplies scarce; plentiful good water from wells in vicinity of village, near which is site for C-G.; country and road as in last stage. |
| | | HARIPUR 23,890 sq. yds. p-o. | 10 | 69½ | A village; supplies on notice; plentiful good water from a well on, and streams near, C-G, site for which is, at the foot of a hill, on which stands an old fort; country and road as above, but latter very steep in places; cross the Beas soon after starting, by ferry. |
| | | RANITAL | 6 | 75½ | Country and road as above. See Route 320. |
| | | KANGRA (BHOWAN.) | 11 | 86½ | |
| | | LOWER DHARMSALA. | 9 | 95½ | |
| | | UPPER DHARMSALA. | 5½ | 100½ | |
| | | Total marches, 11= 100½ m. | | | |

Route No. 373.
FROM JULLUNDUR TO FEROZEPURE.
via INDRISA GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Jullundur, Jullundur. Deputy Commissioner of Ferozepore, Ferozepore. | From Cantonments to KALAH . . . | 11 | 11 | A village in Kapurthala; supplies procurable with difficulty; plentiful good water from wells in village, near which is site for C.G.; country level, open, and well cultivated; road unmetalled and sandy, unfit for carts. |
| | | DULLA . . . | 18½ | 21½ | A village in Kapurthala; supplies procurable with difficulty; plentiful good water from wells in village, near which is site for C.G.; country and road as above; pass Auli at 4, and cross the Amritsar-Makodar road at 10 m. |
| | | INDRISA GHAT . . . | 9½ | 88½ | C.G. at village of Yuzafpur, on right bank of the Sutlej; supplies on notice; abundant good water from wells; country and road as above. |
| | | TALWANDI . . . 86,800 sq. yds. F.D. | 7 | 40½ | A village; supplies on notice; plentiful good water from a well and a canal near C.G., which is opposite the village; country as above; road unmetalled, but in good condition; cross the Sutlej soon after starting, by ferry. |
| | | KATORA . . . 86,660 sq. yds. | 16 | 56½ | A village; supplies procurable; good water from wells near C.G., which is S-E of village on roadside; country well cultivated; road unmetalled, but fit for country carts and baggage animals; canals bridged. |
| | | FEROZEPURE . . . | 10½ | 66½ | See Route 47. |
| | | Total marches, 6 = 66½ m. | | | Country as before; road as above to Ferozepore city, passed at 8 m, thence metalled. |
| | | | | | |

Route No. 374.
FROM JULLUNDUR TO GURDASPUR.
via TANDA AND BEYT FERRY.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Lahore District, Mean Meer. | Dr. Commr. of Jullundur, Jullundur. Dr. Commr. of Hoshiarpur, Hoshiarpur. Deputy Commissioner of Gurdaspur, Gurdaspur. | KALA BAKRA . . . | 14 | 14 | See Route 371. |
| | | TANDA . . . | 13 | 27 | |
| | | BEYT FERRY . . . 87,120 sq. yds. | 8 | 35 | Supplies procurable from the neighbouring villages; good water plentiful; C.G. near right bank of the Beas R.; country level, open and well cultivated; road good, unmetalled and very heavy in places; nullahs bridged; cross the Beas (nearly a mile in width) at end of stage, by ferry. |
| | | SATIALI . . . | 12 | 47 | A village; supplies on notice; plentiful good water from wells and the Sobraun Branch canal, near which is site for C.G.; country and road as above; pass Togalwala at 6½ m. |
| | | GURDASPUR . . . | 11 | 58 | See Route 49. |
| | | Total marches, 5 = 58 m. | | | Country and road as above; nullahs strongly bridged; pass Sidhwan at 8½ and Thanival at 7½ m. |

Route No. 375.
FROM JULLUNDUR TO HOSHIARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Dr. Commr. of Jullundur, Jullundur. Dr. Commr. of Hoshiarpur, Hoshiarpur. | ADAMPUR . . . | 10½ | 10½ | For other remarks see Route 372. See Route 50A. |
| | | HOSHIARPUR . . . | 18½ | 24 | |
| | | Total marches, 2 = 24 m. | | | |

Route No. 376. FROM JULLUNDUR TO KAPURTHALA.

243

| ACTIVITIES. | | Names of stages and site of camping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Jullundur, Jullundur. | From Cantonments to KAPURTHALA . 60,500 sq. yds. p-o. t-s. | 15 | 15 | A small town, the capital of the Kapurthala state; supplies and good water plentiful; C.G. in the parade ground; country level, open and well cultivated; road metalled and bridged; leave the Grand Trunk Road 44m. from Jullundur Cantonments and 3 m. from the city. There is another road to Kapurthala via Kartarpur, but it is longer, being 124m. to the latter place and 8 m. on to Kapurthala. |
| | | Total marches, 1 = 15 m. | | | |

Route No. 377. FROM JULLUNDUR TO SIALKOT. via THE GRAND TRUNK ROAD, BATALA AND DHAMTAL.

| ACTIVITIES. | | Names of stages and site of camping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Amritsar, Jullundur. | KARTARPUR . | 124 | 124 | NOTE.—This route is not recommended as the Beas and Chenab rivers are difficult to cross; also the road is in bad repair in places. See Route 266. |
| | | GIRANA . | 6 | 201 | |
| | | MAHTA . | 154 | 36 | See Route 370. |
| | | BATALA . | 104 | 464 | |
| | | DEERA-NANAK . | 194 | 654 | For other remarks see Route 43. |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Amritsar, Jullundur. | DODA 330 x 230 yds. p-o. | 5 | 704 | See Route 49(a). Country level and cultivated; road unmetalled, heavy in parts, but bridged and fair in dry weather. |
| | | DHAMTAL 330 x 330 yds. p-o. b. | 11 | 844 | A small village 1 m. E. of road; supplies on notice; good but limited water from a well near C.G., site for which is close to the road; country and road as above; cross the Beas at 13 m. by ferry of 8 large boats, also by ford, except after floods; the difficulty in crossing the wide, heavy belts of sand on either side of the river is greatly obviated by making stony roads. |
| | | PHILLORA . | 13 | 974 | A large village, supplies on notice; plentiful good water from 3 wells on C.G., which is 4 m. from village; country as above, but liable to inundation in places; road as before; pass Bunkhara at 10 m. |
| | | SIALKOT . | 13 | 1104 | Country and road as above; cross the Degh (unbridged and unfordable after heavy rain) at 5 and the old bed of the suno river at 6 m. See Route 308. |
| | | Total marches, 9 = 1104 m. | | | For other remarks see Route 21. |

Route No. 378. FROM JULLUNDUR TO SIMLA. via RUPAR, KALKA AND THE OLD ROAD.

| ACTIVITIES. | | Names of stages and site of camping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dy. Commr. of Jullundur, Jullundur. | PHAGWARA . | 124 | 124 | See Route 266. |
| | | BANGA 30,370 sq. yds. p-o. t-s. b. | 114 | 264 | A town; supplies plentiful; abundant good water from wells in vicinity of C.G., which is E. of town, between the sarai and dispensary; country level, open and well cultivated; road good, metalled, raised and bridged; pass Bharmour at 44 m. |
| | | NAWASHAHIR 9,735 sq. yds. p-o. b. | 84 | 344 | A town; supplies plentiful; abundant good water from numerous wells, and (for animals) from a tank in vicinity of C.G., site for which about 1/2 m. E. of town; country and road as above; pass Karla at 5 m. |
| | | JADLA . 165,450 sq. yds. p-o. | 7 | 414 | A large village; supplies on notice; plentiful good water from wells on, and in vicinity of, C.G., which is about 1/2 m. E. of village; country cultivated; road unmetalled but good; cross the Beas at 34 and again at 6 m., both places bridged. There is another road from Nawashahr to Jadla via Talon, but this is circuitous. |
| | | BARTHALA . | 114 | 524 | See Route 331. Country as above; road unmetalled, heavy and sandy in places; join the Hoshiarpur-Simla road before passing Balachor, 6 m. |

| AUTHORITIES | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. | | |
|-------------------------------------|--------------------------------------|---|-----------|--------|--|---|----------------------------------|
| Military. | Civil. | | Miles. | Total. | | | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Umballa, Umballa. | BUPAR . . . | 9 | 62½ | See Route 381. | | |
| | | KURALI . . . | 9½ | 71½ | | | |
| | | KHARAR . . . | 7½ | 79½ | | | |
| | | KHERI . . . | 8 | 87½ | | | |
| | | CHANDIGARH . . . | 8 | 95½ | | | |
| | Deputy Commissioner of Simla, Simla. | KALKA . . . | 7½ | 103 | A large convalescent depot, and small civil stn.; supplies abundant; good water from two springs down the hill about 1 m. from C-G, which is on the depot parade ground adjoining road, and about 200 yds. before reaching the Church; country mountainous with cultivation in valleys; road, 6 to 10 ft. wide, unmetalled, steep ascent the whole way, passable for mountain artillery. | | |
| | | KASAUJI . . . 120 x 110 yds. p-o. t-a. b. | 9 | 112 | | | |
| | | KAKARHATTI . . . | 11½ | 123½ | | Country and road as above, but latter has very steep ascents and descents, ruling gradient 1 in 10; cross the new road at 1½ (from this point Dharmpur and Dagehai are distant 5 and 9½ m. respectively), then descend steeply to the Gamhar (fordable except after very heavy rain) which is crossed at 6½ m.; pass the road to Sabathu at 7½ m. | |
| | | SAIRI . . . | 10½ | 134 | | | See Route 381(n). |
| | | SIMLA . . . | 10½ | 144½ | | | For other remarks see Route 381. |
| Total marches, 15= | | | | | | | |
| 144½ m. | | | | | | | |

Route No. 379.
FROM JULLUNDUR TO SIRSA.
via NAKODAR, DHARMKOT AND BATHINDA.

| AUTHORITIES | | Name of stages and also of encamping ground. | DISTANCE. | | REMARKS. | |
|--|--|--|--------------------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Lahore District, Meian Meer. | Deputy Com- missioner of Jullun- dur, Jullundur. | KUNG SAHIBA 10,005 sq. yds. | 0 | 0 | A village; supplies on notice; plentiful good water from wells; site for C-G. W. of road; country cultivated; road metalled and bridged, suitable for all arms. | |
| | | NAKODAR . 100 x 95 yds. p-o. t-a. b. | 0 | 16 | A town; supplies on notice; abundant good water from a well on C-G., site for latter N. of town and E. of road; country and road as before; the Beyn stream is crossed at 1 m. (ferry in the rains). | |
| | | KAWAN TERRY | 18½ | 29½ | Supplies must be collected; good water from the Sattlej and wells 1 m. from ferry; no regular C-G. but site available on left bank of the river; country open and well cultivated; road as before; there are 16 boats, each carrying 50 men, at the ferry; pass Shahkot at 8 m. | |
| | | DHARMKOT . p-o. | 7 | 36½ | A small town; supplies plentiful; abundant good water from wells; no regul. C-G. but land for the purpose can be obtained on application to the zemindars, country as before; road unmetalled but fair. | |
| | | MOGA . . . p-o. | 10 | 46½ | Two villages; supplies abundant; plentiful good water from wells; land for en- camping must be obtained from the owners; country and road as before; the Ludhiana-Ferozepore road (Route 424) is crossed at 9 m. | |
| | Deputy Commissioner of Ferozepore. | BAGHAPARANA . | 9½ | 55 | See Route 250. Country and road as before; pass Singhanwala at 3½ m. | |
| | | BHUGTA . . . | 19½ | 68½ | A large village; supplies on notice; plentiful good water from 3 wells; extensive site for C-G. W. of village; country and road as before; pass Thurnaj at 9 and Dilwan at 10½ m. | |
| | | NATHANA . . . p-o. b. | 12 | 80½ | A large village; supplies on notice; plentiful good water from 4 wells; C-G. any- where in vicinity of village; country and road as before; pass Kot Guro at 8½ and Nathpur at 10 m. | |
| | | Ch. Secy. to Punjab Govt. | BATHINDA . . . | 18½ | 98½ | Country as before; road, a more track but passable for all arms. |
| | | | KOT BAKHTU . . | 12½ | 106 | See Route 201(a). |
| Dr. Commr. of Hissar, Hissar. | PIPLI . . . | | 11 | 117 | For other remarks see Route 261. | |
| | ODHA . . . | | 7 | 124 | See Route 261. | |
| | SAHUWALA . . . | | 8 | 132 | | |
| | SIRSA . . . | 10 | 142 | | | |
| | | | Total marches, 14= | | | |
| | | 142 m. | | | | |

Route No. 380.
FROM KALPI TO NOWGONG.
via JALALPUR, RATH AND HARPALPUR RY. STN.

| AUTHORITY. | | Names of places and size of exempting grounds. | DISTANCE. | | REMARKS. | |
|------------------------------------|-----------------------------------|--|------------------------------|--------|-------------------|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Bandakhand District, Agm. | Colr. of Jalun, Oris. | ITAURA . . . | 7 | 7 | See Route 76. | |
| | | JALALPUR . . . | 13 | 20 | | |
| | | Collector of Hanipur, Hanipur. | AMUND 134,050 sq. yds. | 13 | 33 | A village near left bank of the Byra stream; supplies on notice; plentiful good water from the stream, wells in village and one on C-G, which is 200 yds. N. of village; country low and cultivated; road unmetalled, heavy and swampy during rains, and unfit for traffic; pass through the Savila state during last half of march. |
| | | | RATH . . . | 10½ | 43½ | |
| | NAKRA . . . | | 9 | 52½ | See Route 313(a). | |
| | PANWARI . . . | | 4 | 56½ | | |
| | Col. Act. in Bandakhand, Nowgong. | | MAHOBKAND 51,650 sq. yds. | 7½ | 63½ | A village; supplies on notice; plentiful good water from 9 wells in village, 700 yds. E. of which is C-G, with 2 wells on it; country as before; road neither metalled nor bridged, and heavy for wheeled traffic in rains; pass Bahadurpur at 4 m. |
| | | | HARPALPUR RY. STN. p-o. | 5½ | 69½ | |
| | | ALIPURA . . . | 8½ | 78 | See Route 353. | |
| | NOWGONG . . . | 10½ | 88½ | | | |
| | | Total marches, 10 = 88½ m. | | | | |

Route No. 380(a).
FROM KALPI TO NOWGONG.
via RATH, PANWARI AND KULPAHAR.

| AUTHORITY. | | Names of places and size of exempting grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandaikhand District, Agm. | Colr. of Jalun, Oris. | ITAURA . . . | 7 | 7 | See Route 76. |
| | | JALALPUR . . . | 13 | 20 | |
| | | AMUND . . . | 13 | 33 | See Route 350. For other remarks see Route 313 |
| | | RATH . . . | 10½ | 43½ | |
| | Collector of Hanipur, Hanipur. | NAKRA . . . | 9 | 52½ | See Route 313(a). |
| | | PANWARI . . . | 4 | 56½ | |
| | | BILAWARA . . . | 7 | 63½ | A village; supplies on notice; plentiful good water from 2 wells in tank in vicinity of C-G, small site for which is 250 yds. S. of village, where there are 4 other wells; country undulating and cultivated; road neither metalled nor bridged; nullah fordable except when in flood; pass Chikara at 2 m. and cross the Burma river afterwards, by ford over a steep rocky bank, except during floods, one small boat available. There is a direct road from Bilawara to Jalun, latter village distant 7 m. |
| | | KULPAHAR . . . p-o. r.r. b. | 7 | 70½ | |
| | Col. Act. in Bandaikhand, Nowgong. | JAITPUR . . . 21,000 sq. yds. p-o. r.r. b. | 5 | 76½ | A large village; supplies plentiful; abundant good water from 10 wells near and many others in vicinity of C-G, small site for which is 1½ m. S. of village, and on the edge of a tank; country as forest as above, but lower down and swampy in the rains; nullah as before; pass K. G. at 4½ m. There is a good road from K. G. to Bilahora, distant 14 m. |
| | | GHANGHORA . . . 38,000 sq. yds. | 13½ | 80½ | |
| | | NOWGONG . . . | 6 | 86½ | A village; supplies on notice; plentiful good water from a well S.E. of C-G, which is about ½ m. S.W. of village, where there are 10 other wells; country and road as above; stream fordable except after heavy rains; pass K. G. at 4½ m. and Bilahora at 10 m. |
| | | Total marches, 11 = 86½ m. | | | See Route 353. Country and road as above, latter leads into Nowgong through the nullah at N. end of the stn. |

Route No. 381.
FROM KARNAL TO FEROEZPORE.
via KATHAL, SUNAM AND BHADHAUR.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|-------------------------------------|--|--|--|---------|--|
| Military | Civil | | Miles | Total. | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Karnal, Karnal. | NAIBANG 177,000 sq. yds. p-o. b. | 14½ | 11½ | A fair-sized village; supplies on notice; plentiful good water from 3 wells on, and 2 others near C-G., site for which is S. of village, close to the thana; there is another good site for encampment near b.; country cultivated, with jungle here and there; road metalled for first 2½ m. only, but passable for all arms; canal and distributaries strongly bridged; pass Majara at 8½ m. |
| | | FATEHPUR 99,820 sq. yds. p-o. b. | 13 | 27½ | A large village; supplies on notice, except grass, which is only obtainable in the rainy season; plentiful good water from a well 700 yds. N. of village, S. of road and 350 yds. from which is site for C-G.; country and road as above, latter strongly bridged. |
| | | KAITHAL 139,650 sq. yds. p-o. t-s. b. | 12 | 39½ | A small town; supplies, except grass, on notice; abundant good water from 8 wells, one on, and the others about 160 yds. from C-G., site for which is S. of road and near town; country and road as above. |
| | | BARTA | 11½ | 51 | A village; supplies on notice; good water from village wells; space in surrounding fields for encampment of troops; country open, level and partially cultivated; road unmetalled, but good. |
| | | DATHAL | 12½ | 63½ | A village; supplies on notice; good water from village wells; surrounding fields available for encampment of troops; country and road as in last stage; cross the Surati and Ghaggar en route, both fordable except after heavy rain. |
| | | DIRBA p-o. | 12 | 75½ | A small village in Patiala; supplies and fodder on notice; plentiful good water from wells in vicinity of village, near which is extensive site for C-G.; country and road as before; pass Niyal at 3 and Dhugal at 5 m. |
| | | SUNAM | 14 | 89½ | Country and road as before; pass Tul Banjara at 2 m. |
| | | LANGAWAL | 9½ | 98 | |
| | | HADIYA | 18½ | 111½ | |
| | | UGAIKI | 7 | 118½ | |
| | | BHADHAUR | 8½ | 127 | |
| | | NIHALSINGH- WALA. | 9½ | 136½ | See Route 256. |
| | | BAGHAPARANA | 18 | 148½ | |
| | | G. O. C. Lahore District, Meen Meer. | Deputy Commissioner of Ferozepore, Ferozepore. | MOODKIE | 14 | 162½ |
| MISRIWALA | 9½ | | | 171½ | |
| FEROEZPORE | 10 | | | 181½ | For other remarks see Route 47. |
| Total marches, 16 = 191½ m. | | | | | |

Route No. 381(a).
FROM KARNAL TO FEROEZPORE.
via GOELA AND LADDA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|-------------------------------------|--|--|----------|--------|---|
| Military | Civil | | Miles | Total. | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Karnal, Karnal. | SANLI 341,000 sq. yds. | 13 | 13 | A small village; supplies on notice; good water, for a battn., from several wells in village, E. of which and close to road, and a well, is site for C.G.; country level and covered with jungle; road 40 to 80 ft. wide, unmetalled, and in dry weather passable for all arms; pass Sagga at 11 m. |
| | | KORL 85,860 sq. yds. p-o. b. | 11 | 24 | A large village; supplies, except grass, on notice; plentiful good water from 2 wells on, and (for animals) from a tank near, C.G., site for which is 150 yds. W. of village; country and road as above; pass Sakrah at 7½ m. |
| | | PIHEWA p-o. b. | 12 | 36 | A large village; supplies on notice; plentiful but indifferent water from wells in and around village, ½ m. W. of which is ample site for C.G.; country and road as above; cross the Surati (dry in cold weather) twice, just before reaching and immediately after passing Pihewa, by ford except when in flood; no ferry. |
| | | GOELA b. j. | 19 | 55 | NOTE.—Maagra (the former halting place) is avoided, there being no water or supplies there. |
| | | KULARAN p-o. | 13 | 68 | A large village; supplies procurable with difficulty; fair water, for a battn., from a well near C.G., site for which is close to b. and about 500 yds. from village; country level and cultivated, but flooded in the rains and impracticable for troops; road, merely a village track. |
| | | CHUNHAIRI | 9½ | 77½ | A village in Jhind territory; supplies on notice; good water from wells close to village; space in surrounding fields for encampment of troops; country level, mostly jungle, with partial cultivation; road unmetalled and very bad, suitable for troops in dry weather only; cross the Ghaggar en route, by ford in dry weather, by ferry (1 boat carrying 85 men) in the rains, and the Choya (generally fordable) at 10½ m. |
| | | | | | A village in Patiala territory; supplies on notice; good water from several wells close to village; space in surrounding country for encampment of troops; country and road as in last stage; pass Talwandi at 8½ and Rangra at 5½ m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meer. | Chief Secretary to Punjab Government. Dy. Commr. of Ferozepore, Ferozepore. | LADDA . . . | 12 | 88½ | A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country and road as above; pass Balina at 6½ and Baddagun at 9 m. |
| | | JULORE . . . | 12 | 101½ | A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country open and sandy, with partial cultivation; road unmetalled and heavy in places; pass Punsawal at 2, Mulawal at 6, and Sultanpur at 8 m. |
| | | CHANDANWAL . . . | 19½ | 114½ | A small village; supplies on notice; plentiful good water from 5 wells near C-G., site for which is N. of and close to village; country and road as above; canals bridged; pass Kalala at 11 m. |
| | | NIHALSINGH-WALA . . . | 14 | 128½ | Country level, open and partially cultivated; road a little better than in last stage; pass Hayla at 3 and Bhagi at 9 m. |
| | | BAGHAPARANA . . . | 13 | 141½ | |
| | | MOODKEE . . . | 14 | 155½ | See Route 256. |
| | | MISRIWALA . . . | 9½ | 165 | For other remarks see Route 47. |
| | | FEROZEPORE . . . | 10 | 175 | |
| | | Total marches, 14 = 175 m. | | | |

Route No. 382.
FROM KARNAL TO HISSAR.
via JHIND AND HANSI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Karnal, Karnal. Chief Secretary to Punjab Government. Dy. Commr. of Hissar, Hissar. | MUNAK 69,060 sq. yds. p-o. b. . . . | 15½ | 16½ | A small village; supplies on notice; plentiful good water from wells close to, and (for animals) from the canal 800 yds. from C-G., site for which is IV. of and near village; country open and well cultivated; road unmetalled, but passable for all arms. |
| | | SUFAIDON p-o. . . . | 14½ | 30 | A village in Jhind territory; supplies on notice; good water plentiful; site for C-G. near village; country as above, but with jungle here and there; road tolerable, except after heavy rain; cross canal (bridged) twice <i>en route</i> . |
| | | ZAMINI b. . . . | 11½ | 41½ | A village with a sarai; supplies on notice; plentiful good water from the Hansi canal near village, close to which is site for C-G.; country and road as in last stage; nullahs not difficult; cross the canal (bridged) <i>en route</i> . |
| | | JHIND | 15 | 56½ | Country as above; road very fair in dry weather; nullahs offer no difficulties. See Route 256(a). |
| | | NARNAUD | 13 | 69½ | |
| | | HANSI | 14½ | 84½ |  | For other remarks see Route 256(a). See Route 101. |
| | | HISSAR | 14½ | 98½ | |
| | | Total marches, 7 = 98½ m. | | | |

Route No. 383.
FROM KARNAL TO LUDHIANA.
via GOELA, NABHA AND MAHER-KOTLA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Karnal, Karnal. Chief Secretary to Punjab Government. | SAMLI | 13 | 13 | See Route 581(a). |
| | | KOEL | 11 | 24 | |
| | | PIREWA | 12 | 36 | |
| | | GOELA | 19 | 55 | |
| | | SAMIANA p-o. . . . | 12 | 67 | A large village in Patiala territory; supplies and fodder on notice; abundant good water from 7 wells in vicinity of village, near which is site for C-G.; country level, open and well cultivated; road unmetalled, but tolerably good; cross the Ghaggar R. soon after starting and the old course of the river at 4 m., by ford except after heavy rain. |
| | | NABHA p-o. r.m. . . . | 16 | 83 | |
| | | AMARGANH p-o. . . . | 11 | 94 | The capital of Nabha territory; supplies must be arranged for; plentiful good water from 4 wells near C-G., small site for which is about 100 yds. from town; country and road as before; pass Khanpur at 4 m. From Nabha a road branches off E. to Patiala, distant about 16 m. |
| | | MAHER-KOTLA 255,540 sq. yds. p-o. t.m. . . . | 10 | 104 | |

A small town in Patiala; supplies and fodder on notice; good water, for a built-up town, from wells in vicinity of town, near which is site for C-G.; country as before; road metalled and bridged; cross the Chyoa at 4 and pass Mahali at 9 m.

Two large villages; supplies plentiful; good water from 6 wells in vicinity of C-G., which is on the general parade ground; country and road as above; pass Mahamra at 4 and Mahamaganj at 9 m.

| AUTHORITIES | | Name of stages and size of encamping grounds | DISTANCE | | REMARKS |
|--|-----------------------------------|--|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meeran Meer. | Dr. Commr. of Ludhiana, Ludhiana. | DEHLON . . . | 15 | 119 | A village; supplies on notice; plentiful good water from wells in vicinity of village, near which is site for C-G; country as above; road unmetalled, but passable for all arms; pass Bhingival at 4 and Lohra at 13½ m. See Route 266. Country and road as in last stage; pass Alamgir at 4 m. |
| | | p-o. | | | |
| | | LUDHIANA . . . | 12 | 181 | |
| | | Total marches, 10 = 181 m. | | | |

Route No. 384.

FROM KARNAL TO MEEAN MEER.

via GOELA, LADDA, KOT-ISE-KHAN AND HARIKI.

| AUTHORITIES | | Name of stages and size of encamping grounds | DISTANCE | | REMARKS |
|--|---|--|--|-----------------|---|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Karnal, Karnal. Chief Secretary to Punjab Government, Punjab Government. | SAMLI . . . | 13 | 13 | See Route 381(n). |
| | | KOEL . . . | 11 | 24 | |
| | | PIHEWA . . . | 12 | 36 | |
| | | GOELA . . . | 19 | 55 | |
| | | KULARAN . . . | 13 | 68 | |
| | | CHUNHAIRI . . . | 9½ | 77½ | |
| | | LADDA . . . | 12 | 89½ | |
| | | JULORE . . . | 12 | 101½ | |
| | | OHANDANWAL . . . | 18½ | 114½ | |
| | | G. O. C. Lahore District, Meean Meer. | Deputy Commissioner of Ferozepore, Ferozepore. Deputy Commissioner of Lahore, Lahore. | HIMATPURA . . . |  | 7½ | 122½ | A large village; supplies procurable; water good but limited; site for C-G, near village; country level, open and partially cultivated; road unmetalled, but good; pass Baylah at 8½ m. From Himatpara a road continues onwards to Ferozepore. |
| BHUDNI-KALAN . . . p-o. | 11 | | | 133½ | A large village; supplies on notice; plentiful good water from wells; site for C-G, near village, country level, sandy and well cultivated in parts; road as above; pass Lihara at 6 m. |
| MOGA . . . p-o. l.s. | 13 | | | 146½ | A village; supplies procurable; plentiful good water from wells; site for C-G, near village; country fairly level; road broad and unmetalled, heavy and sandy in parts; pass Butar at 3 and Bagipora at 10 m. |
| KOT-ISE-KHAN . . . p-o. | 10 | | | 156½ | A small town; supplies abundant; plentiful good water from wells; site for C-G, near town; country level and well cultivated; road as above; the direct road from Bhudni-Kalan to Kot-Ise-Khan passes 2½ m. E. of Moga, and is 81 m. in length. |
| MAKHU . . . | 14 | | | 170½ | A small town; supplies on notice; plentiful good water from wells; site for C-G, near town, country and road as above, pass Amargarh at 6 and Sadhan at 12 m. Talwandi, on Route 373, is 2½ m. W. of Makhu. |
| HARIKI . . . 22,400 sq. yds. | 5½ | | | 175½ | A small village on right bank of the Sutlej, a little below its confluence with the Beas; supplies on notice; plentiful good water from a well close to C-G, site for which is on the river bank; country partially cultivated; road as above; crosses the Sutlej at end of stage by forsy. |
| BHAGUPURA . . . | 9½ | | | 184½ | A small village; supplies on notice; plentiful good water from a well close to village, 50 yds. N. of which is small site for C-G; country partially cultivated; road unmetalled but good; pass Tung at 6½ and Sangat at 8½ m. |
| KALA . . . | 9½ | | | 194 | A small village; supplies on notice; good water from a well and the canal near village, about 350 yds. S. of which is small site for C-G; country and road as above, pass Chusalewa at 2½, cross the Kasur canal (bridged) at 4, and pass Bhurehand at 7½ m. |
| KHALRA . . . 12,050 sq. yds. p-o | 7 | | | 201 | A village, supplies on notice; plentiful good water from wells in vicinity of village, near which and close to road is site for C-G; country jungle; road as above; crosses the Amritsar-Ferozepore road at 1½ and pass Narla at 4½ m. |
| BARKI . . . | 8½ | | | 209½ | A village; supplies on notice; good but limited water (slightly brackish) from a small well near C-G, small site for which is close to village and road, country and road as above; cross the Main canal (bridged) soon after starting and pass Hudlari at 4½ m. |
| MEEAN MEER . . . | 9 | 218½ | See Route 266. Country and road as above; the shortest way to camp is by cutting across the plain to E. of sta. and entering the cantonments by the R. A. Lines; the main road enters the cantonment by the Sadhar Butar. | | |
| | | Total marches, 20 = 218½ m. | | | |

Route No. 385.
FROM KARNAL TO ROHTAK.
via PANIPAT AND GOHANA.

249

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirkhind District, Umballa. | Dr. Commissioner of Karnal, Karnal. | GHARAUNDA . . . | 10½ | 10½ | } See Route 266. |
| | | PANIPAT . . . | 9½ | 20 | |
| | | ISRANA 810 x 370 yds. b. | 11½ | 31½ | A small village; supplies on notice; good water, for a battn., from 3 wells in vicinity of village, on N-E. side of which is site for C-G.; animals can be watered at an irrigation channel close by; country level and fairly cultivated road, 30 to 40 ft. wide, unmetalled, bad in places, but bridged and passable for all arms; leave the Grand Trunk Road on starting and pass Dohar at 5 m. |
| | | GOHANA p-o. t-s. | 18½ | 45 | |
| G. O. C. Meerut District, Meerut. | Dr. Commissioner of Rohtak, Rohtak. | JASIAH 10,630 sq. yds. | 10 | 55 | A village; supplies on notice; plentiful good water from 2 wells near C-G., small site for which is W. of town, and close to tehsil; country as above; road metalled and bridged, fit for all arms; pass Chirana at 5, Barsadhi at 9½ and cross the Rohtak canal at 12 m. |
| | | ROHTAK . . . | 9 | 64 | |
| | | Total marches, 6 = 64 m. | | | See Route 191. Country and road as above. |

Route No. 386.
FROM KARNAL TO SAHARANPUR.
via GANGOH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | JUMNA RIVER Right Bank of the 292,000 sq. yds. | 11 | 11 | A halting place; supplies on notice; plentiful good water from two large and two small wells in village about ½ m. from river bank, which bounds N. edge of C-G.; animals may be watered at the river; country level, first 5 m. jungly, but partially cultivated, thence open and cultivated; road metalled for first 3 m. only, thence 40 ft. wide, unmetalled, but passable for all arms; cross the Western Jumna canal (bridged) at 3, pass Mirghal Majra at 7½ m. and cross a nullah immediately afterwards, dry in cold weather, but water collects in the rains, when a large ferry-boat carrying 60 to 70 men is available. |
| | | GANGOH 280 x 240 yds. p-o. b. | 8 | 19 | |
| | | KHERA 850 x 280 sq. yds. | 10½ | 29½ | A village; supplies procurable with difficulty; good water from 2 wells and a tank in vicinity of C-G., which is near village; country as before; road, about 26 ft. wide, unmetalled and in bad repair; pass Ambahia (p-o.) at 6½ m. |
| | | SAHARANPUR . . . | 18½ | 48 | |
| | | Total marches, 4 = 48 m. | | | See Route 196. Country well cultivated and wooded; road metalled for the last 5 m., but fit for all arms throughout; pass Jojwah at 2½ and cross the Jumna canal (bridged) at 6½ m. |

Route No. 387.
FROM KASAU LI TO DAGSHAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirkhind District, Umballa. | Dr. Commr. of Simla, Simla. | DAGSHAI p-o. t-s. | 11 | 11 | A small cantonment; supplies and water procurable; C-G. for 4 coys. on parade ground; the Kasauli cart-road joins the Simla-Kalka road at 6½ m. and the Dagshai road branches off at 0 m.; there is also a short cut (0 m.) by the Lawrence Asylum, Sannwar, a bridle-path in good repair but fit only for infantry in file. |
| | | Total marches, 1 = 11 m. | | | |

Route No. 388.
FROM KASAU LI TO SUBATHU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirkhind District, Umballa. | Dr. Commr. of Simla, Simla. | SUBATHU . . . | 17 | 17 | See Route 172. The road is a mere bridle-path until it joins the Simla-Kalka road at 6½ m.; the Subathu road branches off at 7½ m.; there is a short cut (10 m.) Kasauli to Sabathu, leaving the old road to Simla shortly after the Ghumar is forded; a good road the whole way, but not practicable for carts or camel carriage. |
| | | Total marches, 1 = 17 m. | | | |

250

Route No. 389.
FROM KHUSHAB TO SAKESAR.
via UCHALI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pind District, Rawal Pind. | Deputy Commissioner of Shahpur, Shahpur. | NARIWALA b. | 11 | 11 | A sarai; supplies on notice; plentiful good water from a tank close to sarai, which is fed by a small channel from the hills; site for small C-G. near sarai; country flat and open; road, 54 ft. wide, unmetalled, but good. |
| | | KATHWAI b. | 6 | 17 | A sarai on the top of a range; supplies must be collected; plentiful good water from a well in sarai, where there is a small site for C-G.; country hilly; road ascends the hill 4 m. after starting, whence it is stony and difficult, but practicable for laden animals. |
| | | UCHALI 71,440 sq. yds. p-o. | 11 | 28 | A small village with sarai about 1 m. S. of a large lake; supply on notice; plentiful good water from many wells near village, close to which is C-G.; country well cultivated; road, 24 ft. wide, fairly level, but stony, with small ascents and descents. |
| | | SAKESAR p-o. | 8 | 86 | A sanitarium named after the hill; supplies on notice; although there are a few natural springs and a well, the water-supply is scanty, as these dry up in season of drought; no cultivation on top of the hill and no place for encampment of troops; country hilly; road unmetalled and stony, ascending (gradient on hill about 1 in 10) gradually for 6 m., difficult but practicable for laden animals; there are six bungalows on summit of hill for summer residence of Europeans. The Sakesar hill is the highest in the Salt Range. |
| | | Total marches, 4 = 86 m. | | | |

Route No. 390.
FROM KOHAT TO EDWARDESABAD.
via KURRAM.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Kohat, Kohat. | CHICHANNA 300 x 250 yds. b. | 10½ | 10½ | NOTE.—With the exception of the crossing of the Chingosha R., this route is metalled and bridged throughout. As the water-supply is somewhat scanty, advantage should be taken of any rain water tanks or pools on roadside to water animals; water in nullahs and streams cannot be used as it is very brackish. |
| | | LACHI | 7 | 17½ | |
| | | DAUD SHAH BANDA 185 x 210 yds. b. | 14½ | 31½ | A village ½ m. N-W. of road; supplies on notice; plentiful good water from a stream S. of village and from a well on C-G., which is close to b.; country undulating, stony, but fairly cultivated; road metalled and bridged; pass Gadda Khel at 9 m. |
| | | KURRAM 760 x 190 yds. b. | 12 | 43½ | See Route 359(b). Country and road as before; cross some low hills between 2 and 3 m., with a somewhat steep incline on both sides. |
| | | LATAMMAR 19,400 sq. yds. | 10 | 53½ | A small village; supplies on notice; plentiful good water from a reservoir on C-G., which is E. of road and opposite b.; country hilly with sparse cultivation; road as before; ascend Lachi Kotai at 2 m.; at 3, 8 and 10 m. there are tanks, where water can generally be obtained for animals; pass Ahmadi Banda at 12 m. |
| | | EDWARDESABAD . | 19 | 72½ | A village; supplies on notice; plentiful good water from a reservoir close to C-G., which is on a slope on right of road and opposite village; country as in last stage, but more cultivated close to Kurram; road as before; pass Totakhi, where there is a reservoir 760 yds. from the road, at 9 m. |
| | | Total marches, 6 = 78½ m. | | | A large village; supplies scarce; good but limited water from a well ½ m. from C-G., which is on left of road near an old fort; country hilly with many ravines; road as before; pass within 2 m. of Bahadur Khel at 7, through a tunnel (160 yds. long) at 8 m., ½ m. before entering which is a reservoir 200 yds. N. of road; thence the road winds through a range of low hills from which salt is quarried; pass Jala, where there is a small well of good water, at 9, and reach the Barlag pass at 13 m. |

Country at first sandy, afterwards open, level and well cultivated; road metalled, except for 1 m., at crossing of the Chingosha R. at 5 m., where it is very sandy and difficult for wheeled transport. In the hot weather, this river is liable to floods, which subside after a few hours; cross the Kurram R. at 12½ m.

This stage being a long and heavy one, a halt is recommended at Domel (10 m.) where there is a well of good water.

Route No. 391.
FROM KOHAT TO PARACHINAR.
via HANGU AND THULL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Kohat, Kohat. | CHILIBAGH 32,490 sq. yds. b. | 11½ | 11½ | A police b.; supplies must be collected; plentiful good water from a stream close to C-G., which is on left of road, surrounding the b.; country hilly and stony, but fairly cultivated; road good, has once been metalled; ruling gradient 1 in 20; all bridges, except the wooden ones, will bear artillery; pass Sherkot at 10 m. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | HANGU. 103,980 sq. yds. p-o. t-s. b. | 18½ | 24½ | A large village; supplies must be collected; plentiful good water from a well in the tehal and a stream close to C-G., which is S. of road about ¼ m. before reaching Hangu; country as above; road fair, and generally unmetalled but the soil being hard, it is easy for wheeled traffic; across two unbridged streams (unfordable after heavy rain) en route; pass Ibrahimzai at about 9½ m. |
| | | MUHAMMAD KHAWAJA 580 × 270 yds. | 11½ | 36½ | A halting place; supplies must be collected; plentiful good water from wells and springs near Topi village about 1½ m. S. of road, and from a large tank (dry in dry season) opposite C-G., which is N. of road; country slightly undulating and fairly cultivated; road along a valley and very fair; pass Togh, where there is a good site for encampment, at 8¼ m. |
| | | DOABA . . . | 12 | 48½ | A fair-sized village; supplies must be collected; plentiful good water from wells and a stream, near which is C-G.; country and road as above, latter heavy after rain; nullahs generally dry and not difficult; pass Surizai at 8 m. |
| | | THULL . . . | 12½ | 60½ | See Route 88. |
| | | MANDURI . . . | 13 | 73½ | Country hilly and stony, except last 5 m. which are fairly cultivated; road as above; across two unbridged streams which are unfordable for some hours after heavy rain, one soon after starting and the other near fort at end of stage. |
| | | ARAWALI . . . | 12½ | 86½ | A village; supplies must be collected; good water from an irrigation channel near, or the Kurram R. ¼ m. from village, N. of road and close to which is confined site for C-G.; country hilly and sparsely cultivated; road unmetalled but good and practicable for wheeled traffic. |
| | | BALASH KHEL 800 × 260 yds. | 10½ | 96½ | A small village; supplies must be collected; good water from a channel 400 yds. from C-G., which is near road and village; country and road as above. |
| | | SULTAN . . . | 10 | 106½ | A small village near the Kurram; supplies must be collected; good water from a spring and channel near, and the river about ½ m. from village, 800 yds. E. of which, and on a plateau above the road, is C-G.; country and road as above. |
| | | PABACHINAR p-o. t-s. | 10 | 116½ | A cantonment and small civil stn.; supplies must be collected; good water from pipes laid on in the stn., anywhere near which a site for C-G. may be chosen; country as before, except towards end of stage, when it opens out; road as above, gradient easy; across an unbridged stream at about 8 m., fordable except for a few hours after heavy rain. |
| | | Total marches, 10 = 116½ m. | | | |

Route No. 392.
FROM KOHAT TO SHINAWARI.
via HANGU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | GHILIBAGH . . . | 11½ | 11½ | } See Route 391. |
| | | HANGU . . . | 12½ | 24½ | |
| | | DHAR . . . | 11½ | 36½ | A small post holding about 100 men; supplies must be collected; good water from a small brick reservoir about 1½ m. distant; road for first 8 m. along the valley and fairly level, the remainder a steep rise with ruling gradient of 1 in 8. |
| | | FORT LOCKHART p-o. t-s. | 8½ | 89½ | The largest post on the Samana, elevation 6,200 ft.; supplies must be collected; good water from springs, one about 1 m. from the post, and the other 3 m. distant; at the former a covered reservoir and also an open one, but in very dry seasons the spring dries up and water has to be obtained from the other spring; the road to this latter is very steep and there is no reservoir, but always a good supply of water; ample space for C-G. all round the fort; road all on the hillside, with a ruling gradient of 1 in 8; Sertop post is passed in the last mile. |
| | | FORT CAVAGNARI (GULISTAN). p-o. | 5 | 44½ | A fort capable of holding about 100 men; supplies must be collected; good water from a stone reservoir about 1 m. distant; small space close to the post for C-G.; road along the hillside the whole way, and has a ruling gradient of 1 in 8. |
| | | SHINAWARI p-o. t-s. | 7 | 61½ | This post is situated at foot of hills, and held by border militia; supplies must be collected; ample water-supply from adjacent stream, but is said to be of inferior quality, as the men frequently get ill from drinking it; small site for C-G. on the level ground S. of post; road all along the hillside, ruling gradient 1 in 10. |
| | | Total marches, 6 = 61½ m. | | | |
| | | | | | NOTE.—There is also a road leading up direct to the crest of the Samana to the Border Militia post at Lakka, and another which runs along the Hangu-Dhar road branching off at Dardard and then leading up to the crest of the hills at Isallai; there is a road along the crest from Lakka to Isallai and on to Fort Lockhart which passes close to the Bangar Post; at Lakka and Isallai, as well as at Gogra (also on the crest), there are small posts garrisoned by men of the Border Militia. |
| | | | | | There is also a road branching off from where the Hangu-Dhar road rises to Darh, which runs on to Shinawari; another road runs from Gulistan (Fort Cavnagari) runs down the hill and joins this latter road. |
| | | | | | The distances along these latter routes are as follows:— |
| | | | | | Shinawari to Hangu 19 m. |
| | | | | | Hangu to Lakka 6 " |
| | | | | | Lakka to Isallai 4 " |
| | | | | | Isallai to Lockhart 4 " |

Route No. 393.
FROM KOHIMA TO GOLAGHAT.
via WOKKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Naga Hills District, Kohima. | NERHAMA . b. | 13 | 12 | A small village; supplies on notice; good water, for a battn., from a stream near b., but it is liable to pollution from village; site for C-G. for a regt. on cleared ground at the 12th m., there being no site at Nerhama village; country hilly; road a 6-ft. bridle-path, following the contours of the hills; steep gradient 1 in 10; pass Merama at 6 and Cheawima at 9 m.; a guide should be taken, as there are several paths near Kohima. |
| | | THEMOKIDIMA . b. | 17½ | 29½ | A small village; supplies procurable; good water, for a battn., from a spring 200 yds. W. of path before entering village, where there is a site for C-G.; country hilly and jungly with scattered clearings and villages; road as in last stage; pass Chichama at 4, Nachama at 6, Tophema at 7, and Themokidima at 18 m.; there is a small suitable site for encampment in 6th m.; good water being obtained from a spring close by. |
| | | WOKKA . p-o. b. | 18½ | 48 | A village, elevation 5,000 ft.; supplies on notice; good water, for ½ battn., from a nullah 300 yds. from C-G., small site for which is N. of and close to police post; country and road as above; latter descends for first ½ m., gradient 1 in 10, thence fairly level for ½ m.; pass Kotsama at 9½ m., where there is a small site for encampment, good water being obtained from a spring near b.; from here a steady rise to Nongsa, 1½ m., thence a slight descent to Wokka. |
| | | YEKAM . b. | 9 | 57 | A small village; supplies scarce; good but very limited water from a spring 200 yds. S. of b.; cramped site for C-G. at entrance to village; country and road as before, latter ascending and descending alternately, gradient 1 in 12. |
| | Deputy Commissioner of Shillong District, Shillong. | SANIGAON . b. | 10 | 67 | A small village; supplies procurable; good but limited water from a spring, ½ m. from which, at 9 m., is small site for C-G.; country and road as before; descend for the first 5 m. to the Doiang R. (bridged), whence there is a steady rise to village. |
| | | BHANDARI . b. | 13 | 80 | A small village; supplies on notice; good water from a stream, on banks of which is site for C-G., but as the ground is unhealthy, space might be cleared at 10 m., good water being obtainable from an adjacent nullah; country and road as before; cross the Bogti twice, en route. |
| | | GARANGAJAN . b. | 14 | 94 | A village; supplies on notice; good water from a well (dry in dry season) in b. compound, close to which is a nullah where animals can be watered; site for C-G. (in dry season only) in fields E. of road and near village; country hilly at first, thence dense jungle; road as above for first 5 m., thence a 10 ft. track through jungle and tea-gardens, practicable for mountain guns; cross the Bor Jan and Nang Jan en route. |
| | | GOLAGHAT . | 7 | 101 | See Route 208. Country flat, open and cultivated; road 12 ft. wide, unmetalled but bridged, and practicable for all arms in dry season. |
| | | Total marches, 8 = 101 m. | | | |

Route No. 394.
FROM KOHIMA TO MANIPUR.
via KAIRONG.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|------------------------------------|---|---|-----------|-------|--|--|
| Military | Civil | | Miles | Total | | |
| G. O. C. Assam District, Shillong. | Dr. Connor, Naga Hills, Kohima. Political Agent in Manipur, Manipur. | KIGWEMA . b. | 10 | 10 | A village; supplies on notice; plentiful good water from a stream; jungle must be cleared for C-G.; country mountainous, with thick forests, but cultivated in patches; road, 16 ft. wide, unmetalled, but bridged and passable for all arms, gradients not exceeding 1 in 18. | |
| | | MAOTHANA . b. | 11 | 21 | A Naga village and Manipuri police outpost; supplies on notice; good water plentiful, except in dry seasons, from a stream; C-G. as in last stage; country and road as above. | |
| | | MAKHAN . b. | 11 | 32 | A halting place; supplies on notice; plentiful good water from a stream; extensive site for C-G.; country and road as above. | |
| | | KAIRONG . p-o. t-s. b. | 16½ | 47½ | A halting place and Manipuri police outpost; supplies on notice; plentiful good water from a stream; extensive site for C-G.; country and road as above. | |
| | | MAINGKHAH . b. | 7½ | 54½ | A military outpost; supplies on notice; plentiful good water from a stream; jungle must be cleared for C-G.; country and road as above. | |
| | | KAITAMAHI . b. | 11 | 66½ | A halting place; supplies on notice; plentiful good water from a stream; C-G., country and road as in last stage. | |
| | | SENGMAI . b. | 11½ | 77½ | A village; supplies on notice; plentiful good water from a stream; extensive open site for C-G.; country as above for first 8 m., thence flat and cultivated, road as before. | |
| | | MANIPUR . | 8½ | 87 | See Route 140. Country flat and cultivated; road as before, but raised. From Manipur bridle-roads branch off to Jammu, in Burma, and Silchar. | |
| | | Total marches, 8 = | | | | |
| | | 87 m. | | | | |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCES. | | REMARKS. |
|------------------------------------|---|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner, Naga Hills District, Kohima. | SIJJU RIVER | 14 | 14 | A halting place; no supplies; plentiful good water from the river, along right bank of which is limited site for C-G.; country hilly and mostly covered with tree-jungle; road, a 6-ft. unmetalled bridge-path, suitable for infantry and mountain guns; gradients in places steep; cross the Zello R. (generally fordable) at about 10, by a strong suspension bridge; pass Sakabama at 12 m., and cross the Sijju (generally fordable), at end of stage, by a strong suspension bridge. |
| | | CHESWEJUMA b. | 9½ | 23½ | A large village, elevation 5,350 ft.; supplies must be collected; plentiful good water from springs in vicinity of b., around which, or on open space in village, is site for C-G.; country cultivated hillside until the last 3 m., which are forest and jungle; road as above; ascend for first 8 m., gradients 1 in 8 to 1 in 6 and reach the top of a ridge on which the village lies, but some 2 m. further on. |
| | | SATAZUMI b. | 11½ | 35 | A small village, elevation 5,040 ft.; supplies on notice; good water, for a battn., from 2 springs below b. on grassy ridges, N-E. of which is extensive site for C-G.; country covered with small jungle; road for the most part along a ridge, indifferent, narrow and liable to be broken down in heavy rains; pass Chajubama at about 6 and Yababama at 8 m. |
| | | ZULHAMI b. | 8 | 43 | A small village, elevation 6,050 ft.; supplies limited; good water from a spring below b., and others at some distance; as the hillsides are very steep and covered with forest, the open spaces in village must be used for C-G.; country passed through is a dense forest and precipitous hillsides; no villages anywhere near; road as before; ascend for 2 m. at an easy gradient and cross a pass (6,650 ft.), then enter a dense forest. The road from here to Sataka, although level, is very bad, narrow, and liable to be cut away by slips or torrents which are unbridged or blocked by fallen trees. |
| | | KILLINASA b. | 8½ | 51½ | A small village about a mile N. of, and 600 ft. below, b., elevation 6,000 ft.; supplies scanty; plentiful good water from a stream near b.; C-G. practically none and very little open space available in village; country dense forest and precipitous hillsides; road as before; in rainy season cross a large torrent en route which tear up and almost close the road. |
| | | SATAKA (NOMI) b. | 18½ | 65 | One of a group of 3 small villages, generally known as Nomi, elevation 5,900 ft.; supplies on notice; plentiful water from springs near b. on grassy knolls, about 600 yds. S. of which is encamping site for 2 battns.; country for first 7 m. dense forest, then steep hillsides; road as before, but better after the forest is left; cross a large torrent, by ford, except after heavy rain, and pass Killimi (a small hamlet) en route. |
| | | SUKOMI b. | 8½ | 73½ | One of a group of 4 villages, generally known as Sukomi, elevation 4,900 ft.; supplies on notice; plentiful good water from springs about 200 yds. W. of b.; encamp on open spaces in and around the village Ohnaks; country covered with low scrub-jungle; road as before, but better; descend by zigzags, gradient about 1 in 10, for 4½ m. to the Lanki R., ascending from there by a gradient of 1 in 8 to end of stage; the river is crossed by a temporary bridge or ford in dry season, but in the rains the bridge is swept away and the river is often unfordable for days. |
| | | EMILOMI b. | 9 | 82½ | A village, elevation 4,700 ft.; supplies procurable; plentiful good water from a large spring about 300 yds. S-E. of b., around which and in village are open spaces suitable for encampment; country steep hillsides, much cultivated, with patches here and there of scrub-jungle; road as before; descend after starting, by long zigzags, gradient about 1 in 10, to the Kileki R. at 4 m., then rise steeply for 3 m. to Sukomi, and from here to end of march at gradients of 1 in 10 and 1 in 16; for a mile up from the river the road is bad, passing along a hillside which is continually slipping; pass Letamni just before reaching Emilomi. The Kileki (about to be strongly bridged) is crossed exactly as shown at the Lanki in last stage. |
| | | CHIOHEMI b. | 15½ | 98 | A village, elevation 4,200 ft.; supplies procurable; good water, scarce in dry season, from a spring 300 yds. S-E. of b., surrounding which is small site for C-G.; country for the first 7 m. cultivated, then 2 m. of forest, afterwards cultivation again; road, as before, good for 3 m., when it crosses a hillside, which often slips; it rises gently for 7 m., until it reaches the top of the watershed between the Dolang and Dikku rivers, gradients easy. |
| | | MOKOKCHUNG p-o. b. | 16½ | 114½ | A large hill village with fort, elevation 4,600 ft.; supplies procurable; plentiful good water from a large spring and tank about 350 yds. S-W. of fort, on parade ground S-E. of which is space to encamp a battn.; country grass-jungle and cultivated hillsides; road as before, gradients 1 in 8 to 1 in 12; nearly level for 6 m., passing through two small Souva villages, thence ascending, it reaches the Government main road (a well kept 7-ft. bridge-path) at 5½ m. from Mokokchung; from this point the road descends easily to last mile, whence it again ascends to the fort; pass Ungma at about 12½ m. |
| | | Total marches, 10 = 113½ m. | | | |

Route No. 396.
FROM KRISHNAGAR TO BAGULA RAILWAY STATION.

| AUTHORITIES. | | Name of stages and also of encamping grounds. | DISTANCES. | | REMARKS. |
|---|----------------------------------|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Naulia, Krishnagar. | BAGULA RY. STN. p-o. | 10 | 10 | A small village on the E. B. Ry.; supplies on notice; plentiful good water from a well and tank (both nearly dry in dry season) near the r-a., between the bazar and which, or in fields E. of the ry., are sites for C-G.; country low and subject to inundation; road, 24 ft. wide, raised, metalled and passable for all arms; cross the Sibdaka Khal (bridged) at 3 and the Matlabanga or Churni at Hanskhali ferry (8 boats, each carrying 20 men, and one carrying 4 loaded carts) at 7½ m. There is a good site (880 x 440 yds.) for encampment near the ferry, drinking water being obtainable from the river. |
| | | Total marches, 1 = 10 m. | | | |

Route No. 397. FROM KRISHNAGAR TO BERHAMPORE. via DEBAGRAM.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|--|---|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. Collector of Murshidabad, Berhampore. | DHUBNIA 880 × 880 yds. | 6 | 6 | A village; supplies on notice; plentiful good water from a tank $\frac{1}{2}$ m. from C.G., which is W. of village; country open and cultivated, subject to floods; road, unmetalled, but raised, 10 ft. wide, generally bridged, and passable for all arms; ferry across Jalangi R. on starting, 3 boats, 1 carrying 86 men, the other 2 carrying 20 men each; one unbridged nullah at $\frac{1}{4}$ m., a ferry in rains of 1 boat carrying 20 men; in 6th m. a causeway, 600 ft. long, occasionally flooded, when there is a ferry of small boats. |
| | | HAMANDANGA (i) 800 × 800 yds. (ii) 1,700 × 900 yds. | 10½ | 16½ | A village; supplies on notice; plentiful good water from a large tank near C.G. (i) which is in a mango grove between the road and the tank; there is also a C.G. (ii) in fields S. of village; country as above; road unmetalled, but raised, 80 ft. wide, bridged, passable for all arms. |
| | | DEBAGRAM P.O. | 6½ | 23 | A large village; supplies on notice; plentiful good water from 3 large tanks near spacious C.G., which is on both sides of road; country as above; road unmetalled, but raised and bridged, passable for all arms; sometimes flooded in the 4th, 5th and 6th m. |
| | | PLASSEY | 8 | 31 | Country and road as above; at Nispanighatta, $\frac{1}{2}$ m., there is a wheel which in the rains is crossed by a ferry. |
| | | BARWA | 13 | 44 | See Route 104. |
| | | BERHAMPORE | 11 | 55 | For other remarks, see Route 120. |
| | | Total marches, 6 = 56 m. | | | |

Route No. 398. FROM KRISHNAGAR TO BOALIA (RAMPUR-BAULEAH). via MEHERPUR and JALANGI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|--|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. Collector of Murshidabad, Berhampore. Collector of Rajshahi, Boalia. | BANGALJHI P.O. | 9½ | 9½ | A small village near left bank of the Jalangi; supplies on notice; good water from the river, close to bank of which and S. of village is extensive site for C.G.; country level and cultivated, last 5 m. subject to inundation; road, 20 to 80 ft. wide, raised, unmetalled, but partly bridged and suitable for all arms; the river has encroached on the road in the last 3 m., but temporary low level diversions keep it open except during floods. |
| | | HIDAIPUR 340,390 sq. yds. P.O. | 9½ | 19 | A large village; supplies must be collected; plentiful good water from a tank and from a well in a mango grove, in which, on edge of the tank, is C.G.; country low and well cultivated, much subject to floods; road, 30 ft. wide, unmetalled but raised and partly bridged and suitable for all arms, except one wooden bridge in 8 m., which is unfit for artillery, though this can be avoided in the dry season by going through the fields; the road is often deeply inundated in the rains. |
| | | MEHERPUR P.O. b. | 10½ | 29½ | A small town and civil stn. on left bank of the Bhyrab; supplies on notice; good water, for a baton, from wells about 100 yds. N.W. of C.G., extensive site for which is S. of village; the water in the river is not good; country level and cultivated and occasionally inundated; road as above, but suitable for all arms at all seasons; cross the Bhyrab at $\frac{1}{2}$ m., by ford in dry season, by ferry (1 boat carrying 25 men) in the rains. |
| | | MADPUR | 13 | 42½ | A small village near left bank of the Bhyrab; supplies on notice; water from the river (bad in dry season) on bank of which is extensive site for C.G.; country as above; road above flood-level and suitable for all arms; pass Garabaria at 5 m. |
| | | JALANGI 40,000 sq. yds. P.O. | 14 | 56½ | A large village; supplies on notice; good water from the Jalangi, on bank of which is C.G.; country and road as above; cross the Bhyrab during the first half of stage by ford in dry season, by ferry in rains, and the Jalangi at Gopalpur at 12 m., by ferry. |
| | | BARAMUSIA | 7 | 63½ | A village; supplies on notice; plentiful good water from a tank about $\frac{1}{2}$ m. N. of C.G., extensive site for which is in fields S. of and close to village; country and road as above; nullahs fordable. |
| | | SARDA P.O. | 6 | 69½ | A village; supplies on notice; good water from the Ganges or Pudda, on left bank of which is extensive site for C.G.; country and road as above; cross a khal about half-way and the Ganges at end of stage, both by ferry. |
| | | BOALIA (RAMPUR-BAULEAH). | 12 | 81½ | See Route 107. Country and road as above, but latter metalled in municipal limits. |
| | | Total marches, 8 = 81½ m. | | | |

Route No. 399.
FROM KRISHNAGAR TO JESSORE.
via KRISHNAGANJ.

255

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. | BANSBARIA | 7½ | 7½ | A small village; supplies on notice; plentiful good water from a stream, on bank of which and near the ruins of Bansbaria Indigo Factory is extensive site for C-G.; country level and well cultivated, but subject to floods; road, 20 ft. wide, raised, metalled and passable for all arms, except during high floods, when the last 3 m. are sometimes inundated. |
| | | KRISHNAGANJ 480,000 sq. yds. p-o. r-s. | 7½ | 15 | A village; supplies on notice; good water from the Churni R.; C-G. between the r-s and the ferry ghat; country as above; road as before, but unmetalled and liable to floods in the 4th and 5th mile; nullahs bridged; cross the Churni at end of stage, by ferry, 2 boats, each carrying 20 men. |
| | | JIBANNAGAR 100,000 sq. yds. | 7 | 22 | A large village on the Kobadak R.; supplies on notice; good water from a well 700 yds. E. of, and a tank in, village, in mango groves W. of which is C-G.; water in river good in the rains only; country as above; road raised, metalled and bridged. |
| | | MAHESHPUR 250 x 160 yds. p-o. | 8 | 30 | A village; supplies on notice; water (good in rains) from the Kobadak R., ½ m. S. of which, in fields near cross-roads, is C-G.; country flat, open, cultivated and above flood-level; road unmetalled, but bridged and passable for all arms. |
| | | CHAUGACHHA 250 x 160 yds. p-o. b. | 50½ | 50½ | A large village with bazar; supplies procurable; good water from the Kobadak, 200 yds. E. of which and near b. is C-G.; country and road as above; cross the Kobadak at end of stage, by ferry, one boat carrying 25 men. |
| | | JESSORE | 14½ | 54 | See Route D1. |
| | | Total marches, 6 = 64 m. | | | Country and road as above, except that the latter is metalled for the last 4½ m. |

Route No. 400.
FROM KRISHNAGAR TO NADIA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. | NADIA 1,320 x 650 yds. p-o. | 8 | 8 | A town on right bank of the Bhagirati; supplies plentiful; good water from the river, in fields on bank of which and S. of town is C-G.; country flat and well cultivated; road, about 2½ ft. wide, raised, metalled and bridged, suitable for all arms; cross the Bhagirati at end of stage, by ferry, 3 boats, each carrying 20 men. |
| | | Total marches, 1 = 8 m. | | | |

Route No. 401.
FROM KRISHNAGAR TO SOOREE.

via KATWA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Nadia, Krishnagar. | DIRUBNIA | 6 | 6 | See Route 397. |
| | | BAMANDANGA | 10½ | 16½ | |
| | | DEBAGRAM | 6½ | 23 | |
| | | KATWA | 10 | 33 | See Route 129. |
| | Collector of Burdwan, Bardhaman. | KANDARA 50,000 sq. yds. p-o. | 10 | 43 | A small village; supplies on notice; fair water from 8 tanks near C-G., latter in fields near police stn.; country flat and open; road unmetalled but bridged and fit for all arms in dry weather; the Adjal R. is crossed at 3¼ m. by ferry, 2 boats carrying 30 men each available. |
| | | LAGHATTA (SOBRASPUR) 200,000 sq. yds. b. | 13½ | 56½ | A village; supplies on notice; good water from the Kopa stream and from a well in b. compound; C-G. 800 yds. S. of village; country high-lying and uncultivated; road metalled and fit for all arms; the Kopa stream is fordable in dry weather, a ferry in rains. |
| | | AJMADPUR 200,000 sq. yds. p-o. t-s. r-s. | 9 | 65½ | A village; supplies on notice; fair water from wells and tanks; C-G. in fields and on waste land W. of village; country and road as above. |
| | | SOOREE | 12 | 77½ | See Route 113. |
| | | Total marches, 8 = 70½ m. | | | Country and road as before. |

Route No. 402.
FROM LAKHIMPUR TO BAHRAICH.
via KATARI GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Kheri, Lakhimpur. | VAHOLA . . . | 10½ | 10½ | A village on the border of the Sitapur and Kheri Districts; supplies procurable; good but limited water from a well N. of C-G., small site for which is N. of, and close to village; country flat and well cultivated; road neither metalled nor bridged and impracticable for wheeled traffic during the rains; cross the Gogra (bed sandy) at end of stage, by ford in dry season, by ferry in rains. |
| | Dy. Commr. of Sitapur. | MUGHALPUR 85,000 sq. yds. | 7 | 17½ | A small village; supplies procurable; good water, for a batin, from 3 wells in vicinity of C-G., which is close to village; country as above; road, a cart track, crossed by numerous water-courses which render it impracticable for wheeled traffic during the rains. |
| | | CHANDI 9,080 sq. yds. | 4 | 21½ | A small village; supplies scarce; very limited water from a little stream, and from a well N. of C-G., site for which is S. of road; country low and liable to submersion during the rains; road as above. |
| | | TAMOUR 31,480 sq. yds. | 6½ | 28½ | A large village; supplies procurable with difficulty; indifferent limited water from 2 wells in vicinity of C-G., which is N. of road; country open and fairly cultivated, but subject to inundation during the rains; road, 50 ft wide, unmetalled and unbridged; cross the old bed of the Chanka on starting and the Gabrai at end of stage, by ford in dry season, by ferry (a "dug-out") in rains. |
| | Deputy Commissioner of Bahraich, Bahraich. | KATARI GHAT 110,180 sq. yds. | 10 | 38½ | A halting place near left bank of the Gogra; supplies procurable; good water from the river, on bank of which and W. of road is C-G.; country cultivated and wooded; road unmetalled and unbridged, subject to flood near the Gogra, and very difficult for wheeled traffic in rains; pass Ratanjanj at 2 m., and cross the Gogra at end of stage at Mallapur (p-o.) below its junction with the Dahawar, by ferry, 12 large boats. |
| | | GURWA 61,080 sq. yds. | 11 | 49½ | A village; supplies procurable; plentiful good water from 5 wells on, and a lake near C-G., which is W. of road; country and road as above; pass Dhanawan at 2½ and cross the Sarju Nadi (temporarily bridged) at 8 m. |
| | | BAHRAICH . . . | 11 | 60½ | See Route 200. Country as above; road as in last stage, except the last 2 m., which are raised and bridged. |
| | | Total marches, 7 = 60½ m. | | | |

Route No. 403.
FROM LALITPUR TO GOONA.
via CHANDERI AND SHAHDAURA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dy. Commr. of Lalitpur, Lalitpur. | SARWARO . . . | 12 | 12 | Country open and cultivated at first, afterwards jungly; road a rough unmetalled track, but passable for carts. |
| | Resident at Gwalior, Gwalior. | CHANDERI . . . | 9 | 21 | |
| | | THOBAN . . . | 12 | 33 | |
| | | AMROD . . . | 10 | 43 | |
| | | PACHHAR . . . | 10 | 53 | |
| | | SHAHDAURA . . . | 10 | 63 | See Route 352. |
| | | PINIGHATI . . . | 7 | 70 | |
| | | GOONA . . . | 13 | 83 | For other remarks, see Route 19. |
| | | Total marches, 8 = 83 m. | | | |

Route No. 403(a).
FROM LALITPUR TO GOONA.
via ESAGARH AND NYASARAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dy. Commr. of Lalitpur, Lalitpur. | SARWARO . . . | 12 | 12 | See Route 352. For other remarks, see Route 403. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | CHANDERI . . . | 0 | 21 | See Route 352. |
| | | MAHOLI . . . | 12 | 33 | A small village; supplies scarce; fair water from the Gorapachar, on left bank of which, and about a mile from village, is small site for C.G.; country hilly and jungly; road a rough track, practicable for carts, except in rains; cross the Gorapachar towards end of stage, fordable, except after heavy rain. |
| | | ESAGARH . . . 150,000 sq. yds. p-o. | 12 | 45 | |
| | | NYASIRAH . . . 80,000 sq. yds. | 18 | 63 | A small village; supplies scarce; good water, for a baton, from wells on C.G., which is near village and road; country and road as above; nullahs fordable except after heavy rain. |
| | | BHADURA . . . | 12½ | 75½ | |
| | | GOONA . . . | 12 | 87½ | |
| | | Total marches, 7 = 87½ m. | | | Country and road as above; reach the Bombay road at Bhadura. See Route 19. |

Route No. 404.
FROM LALITPUR TO SIPRI.
via CHANDERI, ESAGARH, AND RANAUD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dr. Commr. of Lalitpur, Lalitpur. Resident at Gwalior, Gwalior. | SARWARO . . . | 12 | 12 | For other remarks see Route 403. See Route 352. |
| | | CHANDERI . . . | 9 | 21 | |
| | | MAHOLI . . . | 12 | 33 | See Route 403 (a). |
| | | ESAGARH . . . | 12 | 45 | |
| | | RANAUD . . . p-o. | 16½ | 61½ | A town on a branch of the Sind R.; supplies procurable; fuel and fodder plentiful; fairly good water from the river, near bank of which is site for large C.G.; country undulating and cultivated in places; road a rough cart-track. |
| | | RAJGHAT . . . | 11 | 72½ | |
| | | SASAI . . . | 11 | 83½ | A village near bank of the Kharai R.; supplies on notice; fuel and fodder plentiful, water from wells and the river, near bank of which is site for large C.G.; country level and cultivated; road as above; reach the Bombay-Agra road at Sasai. |
| | | SIPRI . . . | 8 | 91½ | |
| | | Total marches, 8 = 91½ m. | | | See Route 19. |

Route No. 405.
FROM LALITPUR TO SIRONJ.
via BAHADARPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dr. Commr. of Lalitpur, Lalitpur. Dr. Commr. of Sonpur, Sonpur. | JAKHLAUN . . . 100 x 100 yds. p-o. p-o. | 13 | 13 | A moderate-sized village; supplies on notice; good water from 2 wells in village, between the road and which is site for C.G.; country level and for the most part cultivated; road unmetalled, but raised, bridged, and in good order. |
| | | MANICHOKI . . . | 9½ | 22½ | |
| | | KANJIA . . . | 9½ | 32 | A small village near the Narain R.; supplies scarce; good water from wells in village, near which is extensive site for C.G.; country, undulating jungle; road a rough country track. |
| | | | | | |
| | | | | | A moderate-sized village; supplies scarce; good water from wells in village, close to road and which is extensive site for C.G.; country hilly and jungly; road as above; cross the Narain R. soon after starting, fordable, except after heavy rain. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bhopal, Sehore. | BAHADARPUR . | 16½ | 48½ | A small village; supplies very scarce; drinkable water from a nullah and canal in village, near which is extensive site for C-G.; country cultivated in places, remainder jungle; road n. above; cross the Betwa (fordable, except in rains) at 2½ and pass Mangavali r.s. at 6 m. |
| | | DEKNAKHERA . | 14 | 62½ | |
| | | SIRONJ . p-o. b. | 10½ | 73½ | |
| | | Total marches, 6 = | | | |
| | | 73½ m. | | | |

Route No. 405(a).
FROM LALITPUR TO SIRONJ.
 via PIPRAI AND MUGHAL-SARAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bhopal, Sehore. | Dr. Commr. of Lalitpur, Lalitpur. | | | NOTE.—In several places this road is impassable for carts. See Route 352. For other remarks see Route 403. |
| | | SARWARO . | 12 | 12 | |
| | | PRANPURA . | 6 | 18 | A moderate-sized village; supplies scarce; fuel and fodder procurable; plentiful good water from wells on C-G., small site for which is near road and village; country hilly and partially cultivated; road, a mere track, practicable for carts except in rains; cross the Betwa R. soon after starting, by ford in dry season, by ferry in rains. |
| | | SARAI . 160,000 sq. yds. | 14 | 32 | |
| | | PIPRAI 120,000 sq. yds. p-o r.s. | 10 | 42 | A large village; supplies, fuel and fodder procurable; plentiful good water from 2 wells near C-G., which is close to village and r.s.; country and road as above, pass Atehalgarh at 3 m. |
| | | ATHAIKHERA 87,500 sq. yds. | 11 | 53 | |
| | | MUGHAL-SARAI . | 16½ | 69½ | A moderate-sized village; supplies on notice; plentiful good water from several wells and a tank, between the village and which is extensive site for C-G., country chiefly jungle; road fair, ascending gradually soon after starting; the last 5 m. are rough and stony. |
| | | SIRONJ . | 13½ | 82 | |
| | | Total marches, 7 = | | | See Route 405. Country at first open, afterwards covered with jungle; road, a rough track, in places very bad, almost impassable for laden carts at any time of the year; cross a fairly steep hill about half-way. |
| | | 82 m. | | | |

Route No. 406.
FROM LANDOUR TO CHAKRATA.
 via LAKHWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Superintendent of Dehra-Dun, Dehra-Dun. | LAKHWAR . b. | 17½ | 17½ | A village; supplies scarce; plentiful good water from a stream about 200 yds. W. of b., near which is small site for C-G.; country mountainous; road, a good bridged bridle-path, 10 ft. wide, gradients 1 in 8 to 1 in 10; cross the Kumbli Nadi at 8½ and the Jumna at about 14 m., then ascend about 2,000 ft. to Lakhtar. |
| | | NAGTHAT . b. | 6 | 23½ | |
| | | POKRI . | 9 | 32½ | A halting place; supplies must be collected; plentiful good water from a stream ½ m. N. of, and a small spring 200 yds. E. of C-G., site for which is on a large open tract of land; country and road as above, latter fairly level; pass Chaurani (b.) at about 6 m. |
| | | CHAKRATA . 220 x 110 yds. p-o. t.s. b. | 7 | 39½ | |
| | | Total marches, 4 = | | | A cantonment; supplies plentiful; abundant good water from springs; C-G. on porado ground; country and road as before, latter ascending and descending alternately. |
| | | 39½ m. | | | |

Route No. 407.
FROM LANDOUR TO DAGSHAI.
 via DEHRA-DUN AND RAMPUR-MANDI.

250

| ACCOMMODATION. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Mount District, Meerut. | Superintendent of Dehra-Dun, Dehra-Dun. | RAJAPUR | 8 | 8 | See Route 40(a). |
| | | DEHRA-DUN | 6 | 14 | |
| | | JHAJRA 11,000 sq. yds. | 8½ | 22½ | |
| | | SARUPPUR 8,680 sq. yds. p. m. b. | 7½ | 30 | A fair-sized village; supplies procurable; good water from well in, and a small canal (from the Aon Nadi) near village, W. of which is site for C-G; country as above; road, 20 ft. wide, unmetalled, but very fair and bridged, except at several hill torrents which are occasionally impassable for a few hours during floods. |
| | | RAMPUR-MANDI . b. | 10 | 40 | A small village on right bank of the Jumna R.; supplies on notice; good water from the river, near which is site for large C-G; country and road as above; cross the Jumna at end of stage, by ferry (1 boat carrying 20 men); the bed of the river here is 600 yds. wide, with a channel of 100 yds. in dry season and is normally fordable by elephants; at Diakrant, a short distance higher up, there is a better ford. If necessary, a halt might be made at Rajghat Mandi, on left bank of the river and 2 m. from Rampur-Mandi. |
| G. O. C. Staffed District, Meerut. | Deputy Commissioner of Simla, Simla. | MAJRA 27,000 sq. yds. b. | 9 | 49 | A small village; supplies on notice; good water from wells on, and (for animals) from the Batta stream ½ m. from C-G, which is E. of village and N. of road; country covered with green jungle; road as above; nullahs bridged; cross the Batta (fordable, except after heavy rain) at 6 m. |
| | | KOLAR 20,000 sq. yds. | 8 | 57 | A small village; supplies on notice; plentiful good water from a stream close to village, N. of and near which is site for C-G; country well wooded; road as above; cross the Batta stream (fordable except after heavy rain) en route. |
| | | NAHAN 2,000 sq. yds. p. m. b. | 9 | 66 | A large town, the capital of Simla state; supplies abundant; plentiful good water from a covered tank 1 m. from, and (for animals) from a large pond near C-G, site for which is just outside town, in a grove of palm trees, E. of road; country hilly and as above, gradient 1 in 10; cross the Markanda by foot-bridge; enter heavy rain. |
| | | EGNITI 8,000 sq. yds. b. | 8 | 74 | A small village surrounded on all sides by woods; supplies on notice; good water from a well 200 yds. W. of village, E. of which is site for C-G, on top of hill to left of the above road; country mountainous and covered with thick forest-jungle; road, 10 ft. wide, unmetalled, ruling gradient 1 in 10, good for foot-infantry and mountain artillery; cross the Talari Nadi (bridged) at about 2 m. |
| | | SULAN 10,000 sq. yds. b. | 8 | 82 | A large village; supplies on notice; plentiful good water from a well ½ m. N. of, and 1½ m. distant from C-G, site for village, near which is site for C-G; country as above. |
| | | NAINA | 8 | 90 | A small village, at well a 500 ft.; supplies on notice; abundant good water from a well at stream near village, 100 yds. E. of and above which, in terraced fields, is small site for C-G; country at level as before; pass Charani at 4 m. at which village, if necessary, a halt might be made, good water being obtainable from a stream at 1 m. distant and supplies on notice. |
| | | DAGSHAI | 8 | 98 | See Route 287. |
| | | Total marches, 12 = 12 m. | | | Country at level as above; cross the Talari Nadi at 3, by ford, and pass Chaili at 4½ m. at which village, if necessary, a halt might be made, good water and supplies being obtainable. |

Route No. 408.
FROM LANDOUR TO GAUMUKHI. (The source of the Ganges.)

| ACCOMMODATION. | | Name of station and site of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Mount District, Meerut. | Commissioner of Kumaon District, Nainital. | PAIDI | 9 | 9 | <p><i>Note.</i>—At this route travellers must take supplies from Landour; water procurable throughout; road in many places rough and difficult.</p> <p>A village; good water from a stream close by C-G, site for which is near village; country mountainous; a mule road from 5 to 10 ft. wide for first 3 m., afterwards a mere track only possible by men.</p> <p>A halting place; plentiful good water from a stream, near which is small site for C-G; country as above; road as in latter part of last stage; the path runs along the Aglar R., which has to be crossed and traversed; no bridges; alternate ascents and descents all the way.</p> <p>A halting place; good water from a stream ½ m. on site for C-G, on left of the path, on cultivation; country and road as above, latter even for first 4 m. and descends for the remainder; in this stretch the Nagtibha range is crossed.</p> <p>A halting place on left bank of the Ganges (called Bhagirathi); good water from the river, near which is site for C-G; country and road as above; for mile recent, then 2 m. descent, afterwards fairly level; cross two unbridged streams en route.</p> |
| | | BALA | 10 | 19 | |
| | | LALUBI 145 x 160 yds. | 9 | 28 | |
| | | THAN 200 x 200 yds. | 10 | 38 | |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Commissioner of Kumaon Division, Naini Tal. | DUNDA 400 × 200 yds. | 9 | 47 | A halting place on bank of the Ganges; good water from the river, near which is site for C-G.; country as above; good mule path, about 13 ft. wide, fairly level; cross two streams <i>en route</i> , both bridged; hill ponies are brought in here for sale in winter from Bhot. |
| | | BARAGHAT 300 × 100 yds. | 9 | 56 | A halting place near the Ganges; good water from the river; C-G. E. of the temple of Bishwa Nath; country as above; road as in last stage, but first mile rather rough; a swing bridge crosses the Ganges here on the path leading to Kedamath. |
| | | MANARI 300 × 180 yds. | 9 | 65 | A halting place; plentiful good water from a stream near C-G., site for which is on cultivated ground; country and road as above, but latter fairly level; cross three streams <i>en route</i> by wooden bridges. |
| | | BATWARI 10,000 sq. yds. | 9 | 74 | A halting place near the Ganges; good water from the river; site for C-G. on cultivated land; country and road as above, except last mile of latter which is a rough ascent; cross two streams <i>en route</i> by wooden bridges. |
| | | TIARA | 9 | 83 | A halting place; good water from streams; site for C-G. on uncultivated land; country as above; path stony, first 3 m. steep ascent, then slight descent. |
| | | DANGALI | 11 | 94 | A halting place near the Ganges; good water from the river, close to which is site for C-G.; country and road as above. |
| | | JHALA 100 × 100 yds. | 10 | 104 | A halting place; plentiful good water from a stream; site for C-G. on cultivated land; country and road as above, first 2 m. ascent and last 2 descent; cross the Ganges twice by bridges. |
| | | DARALI 130 × 75 yds. | 6 | 110 | A halting place on left bank of the Ganges; good water from the river; site for C-G. on cultivated land; country and road as above, ascend and descend for first 2 m., remainder fairly level; cross the Ganges (bridged) about half-way. |
| | | BHAIRANGATI BRIDGE. 165 × 90 yds. | 6 | 116 | A halting place near the junction of the Ganges with the Jadh Ganga or Nilang R.; good water from the river; site for C-G. in the forest; country and road as above, latter level for first 4 m., thence a rough stony ascent. |
| | | GANGOTRI 166 × 90 yds. | 6 | 123 | A halting place near the junction of the Ganges with the Kedar Ganga R.; good water from the river; site for C-G. near the bridge over the Ganges which is crossed at end of stage; country as above; road, 8 ft. wide, stony and ascending slightly. |
| | | GAUMUKHI (GANGOTRI GLACIER). 260 × 180 yds. | 18 | 140 | The Ganges (or Bhagirati) rises in this glacier; good water from the river, near which is site for C-G.; country as above; the path follows the stream, crossing and recrossing it by snow bridges; after the first 10 m. there is no made path to the foot of the glacier. |
| | | Total marches, 15 = 140 m. | | | |

Route No. 409.
FROM LANDOUR TO JUMNOTRI. (The source of the Jumna.)

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Commissioner of Kumaon Division, Naini Tal. | PAIDI | 9 | 9 | NOTE.—Supplies must be taken from Landour; good water procurable; path difficult in places. |
| | | BALA | 10 | 19 | |
| | | LALURI | 9 | 28 | See Route 408. |
| | | THAN | 10 | 38 | |
| | | DUNDA | 9 | 47 | |
| | | BARAGHAT | 9 | 56 | |
| | | MANARI | 9 | 65 | |
| | | BATWARI | 9 | 74 | A halting place, elevation 9,000 ft.; good water from the Sara and Renda streams, near junction of which is site for C-G.; country mountainous; road, a mule track, ascending for first 5 m. to the top of Kundra hill, 12,000 ft. high, thence descending. |
| | | TIARA | 9 | 83 | |
| | | DANGALI | 11 | 94 | |
| | | JHALA | 10 | 104 | |
| | | MANDRALA 200 × 70 yds. | 7 | 111 | |
| | | CHINPOL 100 × 40 yds. | 5 | 116 | Site for C-G. in the snow at foot of the Chya pass, elevation 10,000 ft.; good water from a small stream; road, a mule path for laden sheep and goats, 8 m. up the stream, and 2 m. up the hillside. |
| | | BIYAT 200 × 100 yds. | 12 | 128 | A fatiguing march over the Chya pass, 18,000 ft. high, and the Bamsur pass 15,000 ft. high; first 4 m. steep ascent to the summit of the Chya pass, then 4 m. very gradual ascent to summit of the Bamsur pass, thence 4 m. descent over glacier and snow to the C-G., which is in the forest; elevation 9,600 ft.; good, but limited water from a stream. |
| | | GURMA 800 × 200 yds. | 7 | 135 | The path first follows a stream down the hill, then turns up a hill for 1 m. and along a grassy ridge to the C-G.; elevation 9,000 ft.; plentiful good water from a stream close by. |

| AUTHORITIES. | | Names of places and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Commissioner of Kumaon Division, Naini Tal. | KHARSALI | 5 | 140 | A village, elevation 8,000 ft.; good water from a stream; the path first ascends, then runs along a level ridge, then down to the village through forest to the C-G., which is near village. Here there are hot springs and the source of the Jumna, elevation 9,900 ft.; the road which runs up the valley of the Jumna, is bad in summer, but easy in the early spring, as the valley is blocked up with the debris of avalanches, and thus a continuous snow bridge is formed right up to the hot springs. |
| | | JUMNOTRI | 5 | 145 | |
| | | Total marches, 17 = 145 m. | | | |

Route No. 410. FROM LANDOUR TO SIMLA.

via DEHRA-DUN, RAMPUR-MANDI, BILASPUR, KALKA, AND THE NEW ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District. | Supt. of Dehra-Dun, Dehra-Dun. | RAJPUR | 8 | 8 | } See Route 40(a). |
| | | DEHRA-DUN | 6 | 14 | |
| | | JHAJRA | 8½ | 22½ | } See Route 407. |
| | | SAHASPUR | 7½ | 30 | |
| | | RAMPUR-MANDI | 10 | 40 | |
| G. O. C. Simla District, Umballa. | Depy. Commissioner of Umballa, Umballa. | KALISAR 400 × 200 yds. b. | 13½ | 53½ | A small village on right bank of the Jumna; supplies must be collected; good water from the river; site for C-G. ½ m. W. of village; country hilly, covered with jungle; road, 20 to 25 ft. wide, not metalled or bridged, passable for all arms, hilly and very heavy in places. There is a p-o. and t-s. at Tajawala, 4 m. S. of Kalisar. |
| | | KHIZARABAD 150 × 150 yds. p-o. | 6½ | 60½ | A large village; supplies must be collected; good water, for a battn., from a well in, and (for animals) from the W. Jumna canal 1½ m. S-E. of village; an open space available for C-G. N. of road, and 1 m. N-E. of village; country as above; road (an inferior one) passes through the Kalisar forest, the latter half traversing flat sub-montane country; it is neither metalled nor bridged, very narrow and rocky in parts, and for a long distance, is merely the bed of an old torrent. |
| | | BILASPUR 135 × 110 yds. p-o. | 12½ | 73½ | A very large village on the left bank of the Sarasati; supplies on notice; good water from a well (with 8 ft. of water) near police stn., and 100 yds. from C-G., level site for which is close to village and Jagdri road; country undulating and cultivated; road, passable for all arms, unmetalled, 35 ft. wide, sandy in parts, crosses the Patrouli stream, always fordable, at 4½, passes Tachalpur at 5½, Lodi at 6½, and Mullpur at 8½ m. |
| | | SADHAURA 68,050 sq. yds. p-o. | 8 | 82½ | A town of 10,000 inhabitants on the left bank of the Khandra; supplies procurable; good water from 2 wells (with 26 ft. and 17 ft. of water, respectively) close to C-G., good level site for latter being available near road and town; country and road as above, but latter heavy after rain; the Sarasati is crossed on starting and the Kharaki at 5 m., also several nullahs; rivers and nullahs are fordable except after heavy rain; pass Mithappur at 1½, Mirwa at 3, and Butgarh at 4½ m. |
| | | NARAINGARH 110 × 110 yds. p-o. b. | 0 | 82½ | A small town; supplies on notice; good but limited water from a well near, and a tank 150 yds. from, C-G., site for which is 350 yds. N. of village; country as before; road not raised, metalled or bridged, but passable for all arms; the Khandra stream is crossed on starting and the Markanda at 2½ m., both fordable, except after heavy rain; road very heavy in the beds of rivers. |
| | | RAIPUR 450 × 400 yds. p-o. | 10½ | 101½ | A large village; supplies on notice; good water from a well (8 ft. of water) 70 yds. from, and from a well (11 ft. of water) on C-G., good level site for which is 120 yds. N. of town and E. of road; country level, but little cultivated; road as above; crosses the Begna at 4½ and the Tangri at 7 m. |
| | | HANGARH 500 × 250 yds. p-o. | 11 | 112½ | A village; supplies on notice; good, but somewhat brackish, water from a well (with 6 ft. of water) on the ground; water can also be obtained from the Ghaggar R. near which and W. of village, is C-G.; country and road as before; several nullahs are crossed, all fordable except after heavy rain; pass Mankutapra at 2, Samulo at 4, and Bala at 7½ m. |
| | | GHANDIGARH | 8½ | 121½ | Country liable to inundation during rains; road as before, till it joins the Umballa road, when it becomes metalled and bridged; the Ghaggar (fordable except after heavy rain) is crossed about a mile before reaching the road from Umballa. |
| | | KALKA | 7½ | 129½ | } See Route 331. |
| | | DHARAMPUR | 16½ | 146½ | |
| | | SOLAN | 12½ | 159½ | |
| | | KHAIRI GHAT | 13½ | 173½ | |
| | | SIMLA | 18½ | 188½ | |
| | Dr. Commr. of Simla, Simla. | Total marches, 18 = 188½ m. | | | |

Route No. 411.
FROM LUCKNOW TO BAHRAIGH.
via NAWABGANJ AND BAHRAIGHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Lucknow, Lucknow. | From the Cantonment Church to— CHINHAT 140,800 sq. yds. p-o. | 0½ | 9½ | A large village; supplies procurable; good water, for a battn., from a well on, and a jheel close to, C-G., which is S. of road and near village; country level, open and well cultivated; road raised, metalled and strongly bridged, except at the Gumti, where a bridge-of-boats is maintained; pass through the Sikandra Dagh at 3 and cross the Gumti at 3½ m. For heavy wheeled traffic a diversion must be made and the river crossed by a masonry bridge, making the march 2 m. longer. |
| | Deputy Commissioner of Barabanki, Barabanki. | NAWABGANJ (BARA-BANKI) 114,855 sq. yds. p-o t-s r-s. | 10 | 10½ | A small civil stn.; supplies procurable; good water, for a battn., from a well on C-G., which is S. of road; country and road as above; cross the Reth Nadi at 8½ m. The towns of Nawabganj and Bara-Banki are about a mile apart, and separated by the ry. |
| | Deputy Commissioner of Bahraich, Bahraich. | KINHAULI 440 × 420 yds. | 11½ | 51 | A village; supplies procurable; good water, for a battn., from 2 wells on C-G., which is N.W. of road, and about ½ m. E. of Bindaura r-s.; country and road as above; cross the Kahan Nadi at 9½ m. |
| | Deputy Commissioner of Bahraich, Bahraich. | BAHRAIGHAT 410 × 280 yds. p-o. r-s. | 9½ | 40½ | A village near right bank of the Gogra; supplies procurable; good water, for a battn., from a well on C-G., which is E. of road; country and road as above; pass Ramnagar at 6½ m. |
| | Deputy Commissioner of Bahraich, Bahraich. | AITESA 80,260 sq. yds. | 6½ | 46½ | A halting place; supplies procurable; good water from 6 wells on C-G., which is S. of road; country low and liable to floods; road raised, bridged, but unmetalled, sandy near the river and difficult for wheeled traffic in wet weather; cross the Gogra soon after starting, by bridge-of-boats in dry season, by steam-ferry in the rains. |
| | Deputy Commissioner of Bahraich, Bahraich. | DEWA 55,200 sq. yds. p-o. | 7½ | 53½ | A village; supplies procurable; good water, for a battn., from 2 wells on C-G., which is E. of road; country cultivated; road unmetalled, but raised, bridged, and practicable for all arms. |
| | Deputy Commissioner of Bahraich, Bahraich. | FAKHRAPUR 100,000 sq. yds. p-o. b. | 11 | 64½ | A large village; supplies procurable; good water, for a battn., from 2 wells on, and (for animals) from jheels ½ m. from C-G., which is E. of road, and near village; country and road as above. |
| | Deputy Commissioner of Bahraich, Bahraich. | BAHRAIGH . | 11 | 75½ | See Route 269. Country and road as above; cross the Chota Sarju at end of stage, by pontoon bridge in dry season, by ferry (8 boats, each carrying 60 men, on 2 months' notice) in the rains. A permanent pontoon bridge is being raised. |
| | | Total marches, 8 = 76½ m. | | | |

Route No. 412.
FROM LUCKNOW TO FATEHGARH.
via MALIHABAD, SANDILA, AND SANDI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Lucknow, Lucknow. | From the Cantonment Church to— ANDHA-KI-CHOKI 160 × 150 yds. | 0 | 9 | A village; supplies procurable; good water, for a battn., from a well on C-G., which is N. of road and near village; country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms. |
| | Deputy Commissioner of Hardoi, Hardoi. | MALIHABAD 090 × 70 yds. p-o. r-s. | 9 | 18 | A small town; supplies procurable; good water from a well on C-G., which is near town; country as above; road unmetalled, but raised, bridged, and practicable for all arms; pass Kakori r-s. at 2 m. |
| | Deputy Commissioner of Hardoi, Hardoi. | BAHIMABAD 250 × 250 yds. p-o. r-s. | 8 | 26 | A large village; supplies procurable; plentiful good water; C-G., E. of road, level and high-lying; country wooded and fairly cultivated; road, as above, runs parallel to the ry. |
| | Deputy Commissioner of Hardoi, Hardoi. | SANDILA . | 9 | 35 | See Route 154. Country level, open and well cultivated; road as above; pass Begamganj at 7 m. |
| | Deputy Commissioner of Hardoi, Hardoi. | GHAUSGANJ 280 × 100 yds. | 15 | 50 | A large village; supplies procurable; good water, for a battn., from a well on C-G., which is near road and about ½ m. E. of the Sai R., where animals may be watered; country as above; road unfit for artillery and flooded during the rains; pass Jarba at 6½ and Kahlil at 13 m. |
| | Deputy Commissioner of Hardoi, Hardoi. | MADHOGANJ 260 × 240 yds. | 9 | 59 | A village; supplies procurable; good water for a battn.; C-G. E. of road; country and road as above, latter flooded during the rains; cross the Sai (fordable in dry season) soon after starting; bridge low and dangerous in the rains. |
| | Deputy Commissioner of Hardoi, Hardoi. | BILGRAM . | 8 | 67 | See Route 119. Country and road as before. |
| | Deputy Commissioner of Hardoi, Hardoi. | SANDI . | 10 | 77 | Country and road as above. |
| | Deputy Commissioner of Hardoi, Hardoi. | DHAMPUR . | 14 | 91 | See Route 218. |
| | Deputy Commissioner of Hardoi, Hardoi. | FATEHGARH . | 11 | 102 | For other remarks see Route 10. |
| | Collector of Furruckabad, Fatehgarh. | Total marches, 10 = 102 m. | | | |

Route No. 413.
FROM LUCKNOW TO FATEHPUR.
via BITHURA GHAT.

263

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow, Lucknow. | From the Cantonment Church to— | | | |
| | | BANTHRA . . . | 12½ | 12½ | See Route 151. |
| | Dy. Commr. of Unao, Unao. | MIRHI . . . 100 × 150 yds. | 12½ | 24½ | A large village; supplies on notice; good water, for a battn., from 2 wells near C.G., site for which is W. of road and N. of village; country level, open and well cultivated; road metalled and bridged as far as the Sai, thence unmetalled, but raised, bridged and good; cross the Sai at Bani at 4½ m., and then leave the Cawnpore road. |
| | Deputy Commissioner of Unao, Unao. | BIHAR . . . | 18 | 42½ | See Route 80. Country level and cultivated, thickly studded with trees during first 5 m., afterwards open; road as above, except the first few miles which are metalled; pass Purwa [see Route 153(a)] at 5 m., where a halt might be made. |
| | Dy. Commr. of Rae-Bareilly, Rae-Bareilly. | LALGANJ . . . | 16 | 67½ | For other remarks see Route 80. |
| | Collector of Fatehpur, Fatehpur. | RALPUR . . . | 11 | 68½ | See Route 251. |
| | | FATEHPUR . . . | 9 | 77½ | For other remarks see Route 200. |
| | | Total marches, 6 = 77½ m. | | | |

Route No. 414.
FROM LUCKNOW TO FYZABAD.
via NAWABGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------------|---|-----------|-----------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow, Lucknow. | CHINHAT . . . | 9½ | 9½ | See Route 411. |
| | | NAWABGANJ (BARA-BANKI) BAGHAURA . . . 400 × 400 yds. | 10 19½ | 19½ 33 | |
| | Dy. Commr. of Bara-Banki, Bara-Banki. | RAMSANEHIGHAT | 12 | 45 | A village; supplies procurable; good water, for a battn., from a well on C.G., which is S. of road and near village; country level, open and generally well cultivated; road raised, metalled and bridged; join the road from Gondah at 1½, pass Rasauli (r.s. distant about ½ m.) at 4½, and Partabganj at 5½ m. Country and road as above; pass Kutua at 5 and cross the Haidargarh-Daryah road at 9½ m. |
| | | BHILSAR . . . | 12½ | 67½ | |
| | Dy. Commr. of Fyzabad, Fyzabad. | RONAHI . . . | 18½ | 71 | See Route 251. |
| | | FYZABAD . . . | 10½ | 81½ | For other remarks see Route 31. |
| | | Total marches, 7 = 81½ m. | | | |

Route No. 415.
FROM LUCKNOW TO GONDAH.
via NAWABGANJ, DAHRAIGHAT, AND COLONELGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow, Lucknow. | CHINHAT . . . | 9½ | 9½ | See Route 411. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Bura-Banki, Bura-Banki. | NAWABGANJ (BARA-BANKI). | 10 | 10½ | See Route 411. |
| | | KINHAULI . | 11½ | 31 | |
| | | BAHRAMGHAT . | 9½ | 40½ | |
| | | CHITAUINI . | 8½ | 49 | |
| | Dr. Commr. of Gondah, Gondah. | COLONELGANJ . | 7 | 56 | A small village; supplies procurable; plentiful good water from a well on C.G., limited site for which is near village; country wooded and cultivated; road raised and bridged, but difficult for wheeled traffic in the rains; cross the Gogra soon after starting, by bridge-of-boats in dry season, by steam-ferry in the rains. See Route 260. Country and road as above, latter unsuitable for guns; cross the Chota Sarja near end of stage, by temporary bridge in dry season, when it is fordable by cavalry, by ferry in the rains. A small village; supplies procurable; plentiful good water from a well on the ground and 3 others in village, near which is O.G.; country and road as above. Majjapur r.s. is about 2 m. W. of Balpur. See Route 270. Country and road as above; cross the Tohri Nadi soon after starting, by temporary bridge in dry season, when it is fordable by cavalry, by small ferry in the rains. |
| | | BALPUR . 87,600 sq. yds. | 9 | 65 | |
| | | GONDAH . | 7 | 72 | |
| | | Total marches, 8 = 72 m. | | | |

Route No. 416.
FROM LUCKNOW TO HARDOI.
via MALIHABAD AND SANDILA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Lucknow, Lucknow. | ANDHA-KI-CHOKI | 9 | 9 | See Route 412. |
| | | MALIHABAD . | 9 | 18 | |
| | | RATIMABAD . | 8 | 26 | |
| | | SANDILA . | 8 | 35 | |
| | Dr. Commr. of Hardoi, Hardoi. | KACHHONA . 90,000 sq. yds. p.o. | 13 | 48 | A village; supplies procurable; good water, for a bathn., from a well on, and (for animals) from a tank and jheel near C.G., which is close to road and about 1 m. from Bahamau r.s.; country well wooded and cultivated, road raised and bridged, but unmetalled and difficult for wheeled traffic in the rains. A village; supplies procurable; good water, for a bathn., from a well on C.G., which is E. of road, level and dry; country and road as above. See Route 148. Country and road as above. |
| | | PACHKOURA . 40,000 sq. yds. | 11½ | 60½ | |
| | | HARDOI . | 10 | 69½ | |
| | | Total marches, 7 = 69½ m. | | | |

Route No. 417.
FROM LUCKNOW TO JAUNPUR.
via HAIDARGARH AND NEAR SULTANPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Rae-Baraili, Rae-Baraili. | From the Cantonment Church to— | | | A large village; supplies procurable; good water, for a bathn., from 2 wells on C.G., site for which is in a grove of trees N.W. of village; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the ry. at 3 and pass Dukas at 7½ m. A village; supplies on mollos; good but limited water from a well in front of C.G., which is on roadside about ½ m. W. of village; country wooded but well cultivated; road as before, but unmetalled; pass Goshainganj soon after starting, and Gangganj at 7 m. See Route 251. Country and road as before; pass Loni-Kutra on starting and cross the Loni-Kutra nullah, strongly bridged, immediately after. A large village; supplies procurable; plentiful good water from 2 wells near C.G., site for which is N. of road; country and road as above, latter sometimes impassable in the rains; pass Kharentia at 2 m. |
| | | GOSHAINGANJ . 28,900 sq. yds. p.o. | 11½ | 11½ | |
| | | LONI-KUTRA . 390 × 860 yds. | 13½ | 24½ | |
| | | HAIDARGARH . | 6½ | 31½ | |
| | | INHAUNA . 16,000 sq. yds. p.o. | 10½ | 41½ | |

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | G. O. C. Oudh District, Lucknow. | JAGDISPUR . | 10 | 51½ | See Route 273. Country fairly cultivated, with jungle here and there; road unmetalled, but fit for all arms; nullah strongly bridged; pass Kammoli at 6½ m. The Fyzabad-Rae-Darell road crosses at Jagdispur. |
| | | PENSAHEPURA . 400 × 300 yds. | 10½ | 61½ | A small village; supplies must be collected; plentiful good water from 2 wells near C.G., which is S. of road and close to village; country cultivated; road as before; nullahs bridged; pass Nandarpur at 4½ m. |
| | | DAUDPUR . 400 × 300 yds. p-o. | 8 | 69½ | A village; supplies procurable; plentiful good water from 2 wells S. of C.G., which is N. of road; country, nullahs and road as above; pass Mussirkhann (p-o.) soon after starting. |
| | | PIAGIPUR . 400 × 300 yds. | 13 | 82½ | A village about 2 m. N-W. of Sultanpur; supplies abundant; plentiful good water from 2 wells on C-G., which is S. of road; country as above; road metalled. |
| | | DIADIYA . | 10 | 92½ | A village; supplies procurable; plentiful good water from a well W. of C-G., small site for which is on both sides of road and near village; country cultivated, but much intersected by ravines; road unmetalled, but bridged and fit for all arms; pass Sultanpur at 2 m. |
| | Collector of Jaunpur, Jaunpur. | GHANDA . 300 × 150 yds. | 10 | 102½ | A village; supplies must be collected; plentiful good water from a well N-E. of C-G., which is S. of road and near village; country and road as above. |
| | | SINGRAMAU . 47,100 sq. yds. p-o. | 10½ | 113½ | A village; supplies on notice; plentiful good water from a well on, and (for animals), from a well and tank close to C-G., which is near roadside ½ m. W. of village, liable to be flooded in rains; country flat and jungly, with partial cultivation; road raised and bridged; cross a nullah during first half of stage, in the rains by boat, carrying about 30 men. |
| | | RANNU . 87,700 sq. yds. | 13 | 126½ | A small village; supplies must be collected; plentiful good water from a well on C-G., which is ½ m. S-E. of village, near roadside; country level, open and well cultivated; road raised and bridged, but only partly metalled. |
| | | JAUNPUR . | 14 | 140½ | See Route 32. Country as above; road metalled, raised and bridged. |
| | | Total marches, 13 = 140½ m. | | | |

Route No. 418. FROM LUCKNOW TO MAINPURI.

via MAINHAPAD, SANDILA, MALLANWAN AND MENDHIGHAT.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Allahabad, Lucknow. | ANDHA-KI-CHOEI | 9 | 9 | See Route 412. For other remarks, see Route 144. |
| | | MAINHABAD . | 9 | 18 | |
| | | HAHIMABAD . | 8 | 26 | |
| | | SANDILA . | 9 | 35 | |
| | Dy. Commr. of Haridwar, Haridwar. | GHAUSGANJ . | 16 | 50 | See Route 148. Country well wooded and fairly cultivated; road, 24 ft. wide, unmetalled, but raised and bridged, difficult for wheeled traffic in rains; cross the Sai (fordable in dry season) soon after starting; bridge low and dangerous in the rains. C-G. near left bank of the Ganges, site good, but covered with water in the rains; supplies procurable; good water from a well and the river; country and road as above; pass Kalianpur at 2 m. |
| | | MALLANWAN . | 10 | 60 | |
| | Collector of Faizabad, Faizabad. | MENDHIGHAT . 10,000 sq. yds. | 10 | 70 | |
| | | SARAI MIRAN . | 6 | 76 | |
| | | GURSAHAIGANJ . | 16½ | 91½ | |
| | Collector of Aligarh, Aligarh. | CHHIBRAMAU . | 16 | 106½ | |
| | | BEWAR . | 18½ | 120 | Country well cultivated; road unmetalled, but bridged and practicable for all arms; cross the Ganges en starting, by fifty (5) boats, carrying from 60 to 160 men each and join the Grand Trunk Road at about 4 m. See Route 280. |
| | | MAINPURI . | 14½ | 134½ | |
| G. O. C. Meerut District, Meerut. | Collector of Aligarh, Aligarh. | Total marches, 12 = 134½ m. | | | See Route 16. |

Route No. 418(a).
FROM LUCKNOW TO MAINPURI.
via MOHAN, BANGARMAU AND THE GRAND TRUNK ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------------|--|-----------|--------|---|
| Military | Civil | | Miles | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Lucknow, Lucknow. | FATEHGANJ 110 x 65 yds. | 10 | 10 | A small village; supplies procurable; good water, for a battn., from a well, and (for animals) from a large tank near O-G, site for which is in a mango grove ½ m. N-E of village; country open, level and cultivated; road metalled for the first 5 m. only, but practicable for all arms; cross the O and R. Rly at Alamnagar r.s. at 6, and a canal (strongly bridged) at 8 m. |
| | | MOHAN 18,820 sq. yds. p-o. | 9½ | 19½ | A small town, supplies procurable; good water, for a battn., from 2 wells 150 yds. N-W. of O-G, which is in a mango grove S. of road, about ½ m. E. of the Sal R., where animals can be watered; country as above; road unmetalled but raised and strongly bridged; pass Nivalganj at about 7 m. |
| | | MIANGANJ . | 13 | 32½ | See Route 154. |
| | | TAKIA 225 x 120 yds | 0½ | 42 | Country cultivated and wooded; road as above; cross the Sal soon after starting, pass a good road, which runs S to Agra r.s., distant about 11 m., immediately afterwards, and Akbarpur at 8½ m. |
| | | BANGARMAU | 8½ | 50½ | A small village; supplies on notice; good water, for a battn., from 2 wells near O-G, site for which is about 200 yds. W. of asrai; country low and uncultivated; road fairly good and practicable for all arms; pass Anwan (p-o.) at 2 and Bari Thana at 6 m. |
| | | NANAYAU . 96,800 sq. yds. | 8 | 58½ | See Route 145. |
| | Collector of Cawnpore, Cawnpore. | ARAUL . | 10 | 68½ | Country open and partially cultivated; road unmetalled and unraised, but bridged; cross a nullah (always fordable) soon after starting, bridge unfit for artillery, and pass Mustafabad at 4½ m. |
| | | SARAI MIRAN | 9½ | 78½ | A small village on right bank of the Ganges; supplies procurable; abundant good water from 2 wells on the site that might be used for O-G, which is on cultivated land ½ m. E. of village; country and road as above, latter difficult for wheeled traffic in rains; cross the Ganges at end of stage, by ferry of 20 large boats. |
| | | GURSAHAIGANJ . | 15½ | 93½ | Country well cultivated; road, until it reaches the Grand Trunk Road at Dilhour at 3½ m., as above; cross the Iraw stream at about 3 m., by ferry of 1 large boat. |
| | | CHHIBRAMAU | 15 | 108½ | See Route 260. |
| | | BEWAR. . | 13½ | 122½ | |
| | | MAINPURI . | 14½ | 136½ | See Route 16. |
| Total marches, 12 = 136½ m. | | | | | |

Route No. 419.
FROM LUCKNOW TO PARTABGARH.
via JAGDISPUR AND AMETHI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|-----------------------------------|
| Military | Civil | | Miles | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Lucknow, Lucknow. | GOSHAINGANJ . | 11½ | 11½ | |
| | | LONI-KUTRA . | 13½ | 24½ | |
| | | HAIDARGARH . | 6½ | 31½ | For other remarks, see Page 251. |
| | | INHAUNA . | 10½ | 41½ | See Route 417. |
| | | JAGDISPUR . | 10 | 51½ | For other remarks, see Route 274. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Dr. Commr. of Partabgarh, Sultanpur, Partabgarh. Dr. Commr. of Rae-Bareilly, Rae-Bareilly. | | JAIS . . . | 14 | 65½ | See Route 278. |
| | | GAURIGANJ 83,000 sq. yds. p-o. r-s. | 10 | 75½ | A large grain and cattle mart; supplies procurable; plentiful good water from 2 wells on C-G., which is W. of Gauriganj, and N. of road; country cultivated; road partly metalled, fit for heavy wheeled traffic; nullahs strongly bridged. |
| | | AMETHI 16,000 sq. yds. p-o. r-s. b. | 0 | 84½ | A town; supplies procurable; plentiful good water from 2 wells on C-G., site for which is E. of town, and opposite r-s.; country as above; road unmetalled, but practicable for heavy wheeled traffic. A road branches off N-E. from Amethi to Sultanpur, distant about 20 m. |
| | | CHAURA 700 x 400 yds. | 18½ | 98 | A halting place; supplies procurable; plentiful good water from 2 wells near C-G., which is W. of road, and close to village; country flat and fairly well cultivated; road unmetalled, but raised, bridged and in good order. |
| | | PARTABGARH . . . | 8½ | 106½ | See Route 31. |
| | | Total marches, 10 = 106½ m. | | | Country as above; road as before, but metalled after first 1½ m.; cross the Sol near end of stage. |

Route No. 420. FROM LUCKNOW TO RAE-BAREILLY.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Dr. Commr. of Rae-Bareilly, Rae-Bareilly. | | MOHANLALGANJ. 161,010 sq. yds. p-o. r-s. | 10½ | 10½ | A large town; supplies procurable; good water, for a battn., from a well on C-G., which is E. of road, and near town; country level, open and fairly cultivated; road metalled, bridged and suitable for all arms; pass Katli at 6 m. |
| | | HASANGANJ 400 x 400 yds. p-o. | 14½ | 25 | A village; supplies procurable; plentiful good water from a well on, and (for animals) from a small tank close to, C-G., which is W. of road and near village; country and road as above. |
| | | HARCHANDPUR 400 x 400 yds. p-o. r-s. | 11½ | 36½ | A village; supplies procurable; plentiful good water from a well on C-G., which is N-W. of road and near village; country and road as above; cross the ry. line at 1 and pass Bachhron r-s., where the Haidargarh-Fatehpur road is crossed, at 2 m. |
| | | RAE-BAREILLY . . . | 10½ | 47½ | See Route 36. |
| | | Total marches, 4 = 47½ m. | | | Country and road as above; pass Katwara at 3 m. |

Route No. 421. FROM LUCKNOW TO SITAPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. Dr. Commr. of Sitapur, Sitapur. | | From the Cantonment Church to— | | | |
| | | BAKSHI-KA-TALAO 180,980 sq. yds. r-s. | 12½ | 12½ | A large village; supplies procurable; abundant good water from 8 wells on C-G., which is E. of road and near village; country level, open and well cultivated; road raised, metalled and bridged; cross the canal at 1½, then pass through the civil stn. and cross the Gumbi at 4½ m. |
| | | JAIPARPUR 410 x 400 yds. | 12 | 24½ | A small village; supplies procurable; plentiful good water from wells in vicinity of C-G., which is E. of road and near village; country and road as above. |
| | | BAHADURPUR 380 x 360 yds. | 10 | 34½ | A small village; supplies procurable; good water, for a battn., from wells in vicinity of C-G., which is E. of road and near village; country and road as above; pass Ataria r-s. at 2 and Sidhauri r-s. at 9½ m. |
| | | JALALPUR 400 x 320 yds. | 11 | 45½ | A small village; supplies procurable; plentiful good water from a well near C-G., which is E. of and close to village; country and road as above; pass Kamaipur at 8 and cross the Gun Nadi at 9 m. |
| | | SITAPUR . . . | 11 | 56½ | See Route 164. |
| | | Total marches, 5 = 56½ m. | | | Country and road as above; pass Khairabad r-s. at 6 m. |

Route No. 422.
FROM LUCKNOW TO SULTANPUR.
via HAIDARGARH AND JAGDISPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|-----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow. Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. | GOSHAINGANJ . . . | 11½ | 11½ | |
| | | LONI-KUTRA . . . | 13½ | 25½ | |
| | | HAIDARGARH . . . | 6½ | 31½ | For other remarks, see Route 410. |
| | Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. | INHAUNA . . . | 10½ | 41½ | See Route 417. |
| | | JAGDISPUR . . . | 10 | 51½ | For other remarks, see Route 417. |
| | | PENSAHEPURA . . . | 10½ | 61½ | |
| | Dy. Commr. of Sultanpur. Dy. Commr. of Sultanpur. Dy. Commr. of Sultanpur. | DAUDPUR . . . | 8 | 69½ | |
| | | PIAGIPUR . . . | 18 | 87½ | |
| | | SULTANPUR . . . | 2 | 89½ | For other remarks, see Route 21. |
| | | Total marches, 8 = 84½ m. | | | |

Route No. 423.
FROM LUCKNOW TO TULSIPIR.
via NAWABGANJ, BAHRAMGHAT AND BALRAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow. Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. | CHINNIAT . . . | 9½ | 9½ | |
| | | NAWABGANJ (BARA-BANKI) . . . | 10 | 19½ | |
| | | KINHAULI . . . | 11½ | 31 | See Route 411. |
| | Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. Dy. Commr. of Bareilly. | BAHRAMGHAT . . . | 9½ | 40½ | |
| | | CHITAUNI . . . | 8½ | 49 | See Route 415. |
| | | COLONELGANJ . . . | 7 | 56 | For other remarks, see Route 229. |
| | Dy. Commr. of Gondah. Dy. Commr. of Gondah. Dy. Commr. of Gondah. | KATRA P.O. . . | 8 | 64 | A village; supplies abundant; good water, for a baton, from 2 wells on, and others in the village; 3 m from, C.G., small site for which is 8. of road; country level, open and well cultivated; road, raised and bridged (except over 2 nullahs which are generally fordable), but unmetalled and liable to floods, only practicable for artillery during the dry weather; pass Paharapur at 4 m. |
| | | CHITAUNI . . . | 9 | 73 | See Route 238. |
| | | MAHARAJGANJ . . . | 11 | 84 | Country and road as above; cross the Tehri Nadi at 3½, by temporary bridge in dry season, by small ferry in the rains, and the ry. line at 7 m. |
| | Dy. Commr. of Gondah. Dy. Commr. of Gondah. Dy. Commr. of Gondah. | BALRAMPUR . . . | 9 | 93 | See Route 291. |
| | | MIRZAPUR . . . | 7½ | 100½ | Country and road as in last stage. |
| | | TULSIPIR . . . | 10½ | 111 | For other remarks, see Route 251. |
| | | Total marches, 12 = 111 m. | | | See Route 72. |

Route No. 424.
FROM LUDHIANA TO FEROZEPUR.
via JAGRAON.

269

| ACTIVITIES. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | By Commr. of Ludhiana, Ludhiana. Deputy Commissioner of Ferozepore, Ferozepore. | DAKHA 42,040 sq. yds. p.o. | 11½ | 11½ | A village; supplies on notice; good water plentiful; C.G. near roadside, about 1½ m. S.W. of village; country level, open and partially cultivated; road metalled and bridged; pass Samit at 5 m. |
| | | JAGRAON 311,410 sq. yds. p.o. 1-x | 13 | 24½ | A town; supplies procurable; plentiful good water from 2 wells on C.G., which is near roadside 1½ m. N. of town; country and road as above; pass Shekhopura at 5 m. |
| | | MAHNA 830,330 sq. yds. b. | 11½ | 36 | A village; supplies procurable; water, somewhat brackish, from 2 wells on, and one near, C.G., which is about 1 m. N.E. of village; country and road as above; pass Matwani at 0½ m. |
| | | DAGRU 161,310 sq. yds. b. | 14 | 50 | A village; supplies procurable, but grass scarce; water, brackish, but plentiful, from a well in rural, and 2 others in b. compound and on C.G., which is on roadside about ½ m. N.E. of village; country and road as above; pass near Mega at 7 m. |
| | | GHALL 790 x 400 yds. p.o. | 14½ | 64½ | A village; supplies procurable, but grass scarce; water, brackish but plentiful, from a well on C.G., which is about 1½ m. N.E. of village; country and road as above; pass Damapur at 5 m. |
| | | FEROZEPUR | 13 | 77½ | See Route 47. |
| | | Total marches, 6 = 77½ m. | | | Country rather barren; road as above; pass by the field of Ferozshah (famous for the battle fought between the British and the Sikhs on the 21st and 23rd December 1845), at about 2 and Malwal at 6 m. |

Route No. 425.
FROM LUDHIANA TO HISSAR.
via MALER-KOTLA, SANGRUR AND BARWALA.

| ACTIVITIES. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | By Commr. of Ludhiana, Ludhiana. Chief Secretary to Punjab Government. By Commr. of Karnal, Karnal. Chief Secretary to Punjab Government. By Commr. of Hissar, Hissar. | DEULON | 12 | 12 | See Route 262. |
| | | MALER-KOTLA | 15 | 27 | |
| | | DHULA | 12½ | 39½ | A small village in Pathals; supplies and fodder on notice; abundant good water from wells in vicinity of village; extensive site for encampment may be had on notice; country slightly undulating, with partial cultivation; road metalled and bridged, suitable for all arms; pass Bhatnagar at 3 and Babbanpur at 8½ m. Dhulsi p.o. is 1 m. W. of Dhula. |
| | | SANGRUR 217,150 sq. yds. p.o. | 91 | 131 | A town in Jind state; supplies and fodder procurable; plentiful good water from 3 wells, and (for animals) from a tank near C.G., which is on parade ground close to encampment buildings and N.E. of town; country and road as above; pass Bhatnagar, where the Karnal-Ferozepore road is crossed, at 5 m. |
| | | KHARIAL | 11½ | 142½ | A small village; no supplies; good water from wells in the fields, which may be utilized for encampment; country generally level and cultivated; road, 20 ft. wide, unmetalled, in bad state of repair, but passable for all arms; cross the Ghoga (fordable, except after heavy rain) at 7, and pass Haganwal at 6 m. |
| | | JALLORE | 12½ | 155½ | Country open, undulating and sandy, with sparse cultivation; road unmetalled, but very fair; pass Ghallat at 6½ m. |
| | | MANWI | 9½ | 165 | |
| | | DHANILAN | 7½ | 172½ | See Route 256. |
| | | DANAUDA | 12½ | 185 | |
| | | BARWALA | 14 | 199 | For other remarks, see Route 101. |
| | | HISSAR | 17½ | 216½ | |
| | | Total marches, 11 = 133½ m. | | | |

Route No. 426.
FROM LUDHIANA TO HOSHIARPUR.
via THE GRAND TRUNK ROAD AND MAHTIANA.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|--------------------------------------|--|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meen Meer. | Dr. Commr. of Jullundur, Hoshiarpur, Ludhiana. | PHILLOUR . . | 9½ | 9½ | See Route 200 |
| | | PHAGWARA . . | 13 | 22½ | |
| | | MAHTIANA . . 174,860 sq. yds. | 11½ | 34½ | |
| | | HOSHIARPUR . . | 12 | 46½ | A village; supplies procurable; abundant good water from wells on and near C-G, which is close to road and village; country level, open and well cultivated; road unmetalled but good; cross the Beyn (always passable) at 6½, by a low canopyway, and pass Simla at 10½ m. |
| | | Total marches, 4 = 45½ m. | | | See Route 50. Country and road as before, but latter heavy in places. |

Route No. 427.
FROM LUDHIANA TO MEEAN MEER.
via JAGRAON AND HARIKI.

| AUTHORITIES. | | Name of stages and also of encamping grounds | DISTANCE | | REMARKS |
|-------------------------------------|---|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meen Meer | Dr. Commr. of Ludhiana, Ludhiana. Deputy Commissioner of Ferozepore, Ferozepore. | DAKHA . . | 11½ | 11½ | See Route 424 |
| | | JAGRAON . . | 18 | 29½ | |
| | | BARIKUKRI . . | 10 | 39½ | A large village, supplies on notice; plentiful good water from wells; site for C-G near village, country barren, except where there are wells; road metalled and bridged nearly all the way. |
| | | DHARMKOT . . | 9 | 48½ | |
| | | FATTEHGARH p-o. | 11½ | 60 | See Route 379. Country level and cultivated at first, but sandy and undulating near Dharmkot; road unmetalled, but fair; pass Bhindar at 4½ m. |
| | | MAKHU . . | 9 | 69 | A town, supplies on notice; plentiful good water from wells; site for C-G near town, country open and generally cultivated, road near Dharmkot rough and bad, afterwards good, but unmetalled, running some distance along old bed of the Sutlej, canals bridged; pass Khila at 2½ and Khamman at 9 m. |
| | Deputy Commissioner of Lahore, Lahore. | HARIKI . . | 5½ | 74½ |  | See Route 394 |
| | | BHAGUPURA . . | 9½ | 84½ | |
| | | KALA . . | 9½ | 94½ | |
| | | KHALRA . . | 7 | 101½ | |
| | | BARKI . . | 8½ | 109½ | For all or remarks, see Route 257 |
| | | MEEAN MEER . . | 9 | 118½ | |
| | | Total marches, 12 = 112½ m. | | | |

Route No. 428.
FROM LUDHIANA TO ROHTAK.
via MALER-KOTLA, NABHA AND JHIND

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS |
|--------------------------------------|-----------------------------------|---|----------|-------|---------------|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meen Meer. | Dr. Commr. of Ludhiana, Ludhiana. | DERLON . . | 12 | 12 | See Route 399 |

| AUTHORITY. | | Name of stage and site encampment grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Chief Secretary to Punjab Government. | MALER-KOTLA . . . | 15 | 27 | See Route 383. |
| | | AMARGARH . . . | 10 | 37 | |
| | | NABHA . . . | 11 | 48 | |
| | | SAMANA . . . | 16 | 64 | |
| | | KARAMGARH . . . | 16 | 79 | A small village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of village, in fields near which is site for C.G.; country open, level and partially cultivated; road unmetalled, bad in parts and unsuitable for artillery; pass Nanhara at 9 m. |
| | | PIPALTA . . . | 12 | 91 | |
| | | NARWANA . . . | 11 | 103 | A village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of village, in fields near which is site for C.G.; country and road as in last stage; cross the Ghaggar R. in the first half of the march, by ferry (one boat carrying 40 men). |
| | | DARAODA . . . | 18 | 115 | |
| | | JHIND . . . | 11 | 126 | Country as in last stage; road 15 to 25 ft. wide, fair in dry weather; pass Balarkia at 7½ m. |
| | | JULANA . . . | 14½ | 140½ | |
| G. O. C. Meerut District, Meerut. | Dy. Commr. of Rohitak, Rohitak. | GHURI . . . | 11 | 151½ | See Route 260. |
| | | ROHTAK . . . | 11½ | 163½ | |
| Total marches, 13 = 163½ m. | | | | | For other remarks, see Route 131. |

Route No. 429.
FROM LUDHIANA TO SIMLA.
 BY MORINDA, KALKA AND THE NEW ROAD.

| AUTHORITY. | | Name of stage and also of encampment grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mian Meer. | Dy. Commr. of Ludhiana, Ludhiana. | KANABHA . . . | 10½ | 10½ | NOTE.—This route or No. 429(a) is preferable to Route 429(b), as the roads of the two former routes are better as well as the water and supplies. A small village; supplies must be collected; abundant good water from 2 wells near C.G.; small site for which is N. of road and opposite police b.; country level, open and cultivated; road metalled and in good order; pass Jamalpur at 3, Ramgarh at 8, and Jandiala at 9 m. A small village near the artillery practice ground; supplies must be collected; abundant good water from wells in the neighbourhood of C.G., which is N. of road; country and road as in last stage; pass Hiran at 1½, Latundana at 4, the Sirhind canal and Nilen village at 6, and Ludhian at 9 m. A small town in Patiala; supplies on notice; abundant good water from 2 wells on C.G.; level site for which is close to road and town; country level, open and cultivated; road 2½ ft. wide, unmetalled, but passable for all arms; pass Dyalpura at 2, Haytun at 4 and Mundair at 7½ m. A small town of 4,000 inhabitants; supplies on notice; abundant good water from 2 wells on C.G.; good level site for which is ½ m. N. of road and town; country and road as in last stage; pass Khant at 4½ and Rampur at 6 m. Country and road as above; the latter is sometimes very heavy after rain and impossible for wheeled traffic; 2 nullahs (unbridged) are crossed which are unfordable after very heavy rain. See Route 331. |
| | | SAMRALA 555 x 390 sq. yds. p.o. | 11 | 21½ | |
| | | KHAMANO 111,000 sq. yds. p.o. | 10½ | 31½ | |
| | | MORINDA 100,000 sq. yds. p.o. b. | 9½ | 41½ | |
| | | KHARAR . . . | 8½ | 49½ | |
| | | KHURI . . . | 8 | 57½ | |
| | | GHANDIGARH . . . | 8 | 65½ | |
| | | KALKA . . . | 7½ | 73½ | |
| | | DHAERPUR . . . | 16½ | 89½ | |
| | | SOIAN . . . | 12½ | 101½ | |
| | | KHAIRI GHAT . . . | 13½ | 114½ | |
| | | SIMLA . . . | 18½ | 133½ | |
| Total marches, 12 = 183½ m. | | | | | |

Route No. 429(a).
FROM LUDHIANA TO SIMLA.
via MORINDA, RUPAR AND BADI.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|--------------------------------------|---|-----------|-----------------------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meerut Meer. | Dr. Commr. of Ludhiana, Ludhiana. | KAHARA . | 10½ | 10½ | See Route 429. |
| | | SAMRALA . | 11 | 21½ | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Umballa, Umballa. | KHAMANO . | 10½ | 31½ | Country level, open and well cultivated; road unmetalled and sandy, but good. See Route 331. |
| | | MORINDA . | 8½ | 41½ | |
| | | KURALI . | 6½ | 47½ | |
| | | RUPAR . | 9½ | 56½ | |
| | Deputy Commissioner of Simla, Simla. | JUGATKHANA . | 8½ | 65½ | See Route 331(a). |
| | | BADI . . . | 11 | 76½ | |
| | | KHADI . . . | 11½ | 87½ | |
| | | KAKARHATTI . | 8 | 95½ | |
| | | SAIRI . . . | 10½ | 106 | |
| | | SIMLA Church . | 10½ | 116½ | |
| Total marches, 12 = 116½ m | | | | For other remarks, see Route 331. | |

Route No. 429(b).
FROM LUDHIANA TO SIMLA.
via MACHIWARA, RUPAR AND BADI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meerut Meer. | Dy. Commr. of Ludhiana, Ludhiana. | KAHARA . | 10½ | 10½ | See Route 429. |
| | | MACHIWARA p-o. | 12½ | 22½ | A moderate-sized town; supplies plentiful; good water abundant; site for G-G. on a sandy tract E. of town; country sandy; road heavy and bad; pass Upal at 6½ m. |
| | Dy. Commr. of Umballa, Umballa. | CHAMKOR . 600 x 670 yds. p-o. b. | 18½ | 36½ | A large village; supplies on notice; plentiful good water from 2 wells on, and (for animals) from the Sirhind canal near G-G., site for which is on waste land 700 yds. E. of village, country open and sandy; road, 21 ft. wide, unmetalled, very heavy in parts, but bridged and passable for all arms; pass Fatipur at 2½ and Bhilolpur at 7 m. |
| | | RUPAR . | 9 | 45½ | See Route 331. Country and road as above; pass Khyrabad at 7 m. |
| | | JAGATKHANA . | 8½ | 53½ | See Route 331(a). |
| | | BADI . . . | 11 | 64½ | |
| | | KHADI . . . | 11½ | 76½ | |
| | | KAKARHATTI . | 8 | 84½ | |
| | | SAIRI . . . | 10½ | 94½ | |
| | | SIMLA Church . | 10½ | 104½ |  | For other remarks, see Route 331. |
| Total marches, 10 = 104½ m. | | | | | |

Route No. 430.
FROM LUDHIANA TO SIRSA.
via MALER-KOTLA AND KALATKAY.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-----------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meerut Meer. | Dr. Commr. of Ludhiana, Ludhiana. | DEHLON . | 12 | 12 | See Route 333. |
| | | | | | |

| ACTIVITIES. | | Names of stages and size of resupplying grounds. | DISTANCES. | | REMARKS. |
|------------------------------------|---|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| O. O. C. Sibhal District, Umballa. | Chief Secretary to Punjab Government. Deputy Commissioner of Hissar. | MALER-KOTLA . | 15 | 27 | See Route 883. |
| | | KUMARWAL . | 17 | 44 | A small village; supplies and fodder procurable; abundant good water from 7 wells in vicinity of village, close to which, and to a tank, is site for C.G.; country sandy, but fairly cultivated; road, a country cart-track, from 6 to 12 ft. wide; pass Burjat 4, Hattian at 6 and Mulowal at 14 m. |
| | | KALAYKAY . | 10½ | 54½ | A village; supplies and fodder procurable; good water, for a battn., from a well near village, on cultivated land round latter is site for C.G.; country as above; road metalled and bridged; pass Kalu at 8 and Dhannaula (p-o.) at 7 m. |
| | | KAMBALA . | 13½ | 67½ | A small village in Patiala; supplies and fodder on notice; plentiful good water from a well and canal close to village, near which is site for C.G.; country sandy; road unmetalled, but fair and passable for all arms; pass Aspal at 2½ and Utha at 11½ m. Bhikhi (p-o.) is about 5 m. from Kambala. |
| | | RAIPUR . | 14 | 81½ | A village in Patiala; supplies and fodder on notice; good water from wells and the canal near village, round which is extensive site for C.G.; country and road as above; pass Monea Kalan at 4 and Blakha at 10 m. |
| | | PHAGU . 694,600 sq. yds. | 13 | 94½ | A village; supplies on notice; good water, for a battn., from a well and tank 360 yds. from C.G., which is 180 yds. N. of village, and close to road; country sandy and partially cultivated; road as above; pass Nagla at 5 and Nouthin at 7 m. |
| | | SIRSA . | 18 | 112½ | See Route 261. |
| | | Total marches, 5 = 112½ m. | | | Country sandy, but open and cultivated; road as above, but impassable for all arms after heavy rain; cross the Ghaggar during latter half of stage, by ford, except after rain, when there is a ferry-boat carrying 30 men. |

Route No. 431. FROM MAHOBA TO CHANDLA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. | LAURI . . . | 15½ | 15½ | A large village in Chhatargarh state; supplies on notice; plentiful good water from a well near C-G., extensive site for which is near road, 200 yds. N. of village; country undulating; road metalled and bridged; pass Jarnaha at 8½ m. and cross the Kel stream (impassable when in flood) at 10½ m. |
| | | CHANDLA . . . | 12½ | 28 | |
| | | Total marches, 2 = | | | A large village in Chhatargarh territory; supplies on notice; plentiful good water from a well E. of C-G., ample site for which is near road, ½ m. S. of village; country as above; road, a cart track, fair in dry weather; pass Moneri at 4 m. Amgarh (p.o.) is about 15 m. S.-E. of Chandla, but the route would be extremely difficult at any time, as the road is bad, and the Ken R., crossed about halfway, is impassable during rainy season. |
| | | 28 m. | | | |

Route No. 432. FROM MAINPURI TO BATESAR. via SHIKOHABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | Distance. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Collector of Mainpuri, Agra. | BIRGHAI . . . | 12½ | 12½ | See Route 16. |
| | | AROUN . . . | 10½ | 23½ | |
| | | SHIKOHABAD . . . | 10 | 33½ | For other remarks, see Route 16. |
| | | BATESAR . . . | 11 | 44½ | |
| G. O. C. Bundelkhand District, Agra. | Collector of Agra, Agra. | Total marches, 4 = | | | Country flat; road unmetalled, but raised and partially bridged, though unsuitable for guns owing to heavy sand and numerous deep, dry nullahs with steep banks met with, which are not bridged; cross the Jamna at 9 m., by ferry, but while the fair is being held there is a bridge-of-boats. |
| | | 44½ m. | | | |

Route No. 433. FROM MAINPURI TO ETAWAH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | Distance. | | REMARKS. |
|-----------------------------------|-----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collr. of Mainpuri, Meerut. | RATBHANTPUR . . . 71,000 sq. yds. | 11 | 11 | A village; supplies on notice; plentiful water from a water-ent, N. of which is C-G.; country level, open and well cultivated; road metalled and bridged; cross the Arund at 6 m. |
| | | HAONRA (JACHIVAT) . . . 330 x 330 yds. | 11 | 22 | |
| | | ETAWAH . . . | 12 | 34 | See Route 15. Country, and road as above; cross the Sengar and Sima en route. |
| | | Total marches, 3 = | | | |
| G. O. C. Meerut District, Meerut. | Collr. of Etawah, Etawah. | 31 m. | | | |

Route No. 434. FROM MALDA TO DARJEELING. via GAJOL AND TITALYAH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | Distance. | | REMARKS. |
|---|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Malda, Malda. | BOLIA NAWAB-GANJ . . . 160,000 sq. yds. | 6½ | 6½ | A village near left bank of the Maha Nadi; supplies procurable; fair water from the nadi, in fields N. of village and 300 yds. E. of which, is site for C-G.; country level and cultivated; road, 20 ft. wide, unmetalled, but suitable for all arms. |
| | | GAJOL . . . 820,000 sq. yds. p.o. | 11½ | 18 | |
| | | | | | A village; supplies procurable; plentiful fair water from a well and 2 tanks N. of C-G., which is in fields, on both sides of road, immediately S. of village; country and road as above; cross a nullah at beginning of stage, by ford in dry season, by ferry (30 boats, from 50 to 300 mds. capacity) in the rains. |
| | | | | | |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | By Commr. of Dy. Commr. of Jajpurguri, Daringiding, Jalpaiguri. Collector of Dinajpur, Dinajpur. | KURPUR 175 x 125 yds. | 14 | 32 | A small village; supplies on notice; plentiful good water from a large tank, W. of road and near which is site for O-G; country level, with rice cultivation; road as above, but nullahs impassable during rains, though dry in dry weather. See Route 210. |
| | | DURGAPUR . . . | 11 | 43 | |
| | | KARNAJARA 200 x 175 yds. | 10 | 53 | A small village; supplies on notice; wells must be dug for water; site for O-G, in paddy-fields S. of village; country level, with jute and rice cultivation; road and nullahs as above; pass Raiganj (a large market with p-o.) at 6½ m. From Karnaajara a road runs N-E. to Hontablad (p-o.), distant 5 m. |
| | | SERAJGANJ 800 x 800 yds. | 18½ | 66½ | |
| | | NEKMARD . . . | 12 | 78½ | A small village; supplies on notice; wells must be dug for water; C-G. E. of road and near village; country and road as above, but latter only a track as far as the Kulik which is crossed at 4 m. by ford in dry season, by ferry (1 bamboo raft) in the rains; pass Bindel, on the Dinajpur-Purnea road, at 8½ m. See Route 211(a). Country and road as above; nullahs strongly bridged. |
| | | LAHORI 500 x 100 yds. | 12½ | 90½ | |
| | | TARIYA 800 x 50 yds. | 11½ | 102 | A small village; supplies procurable; good water from a well N. of, and others in vicinity of, O-G., which is S. of market and on both sides of road; country and road as above. A fair-sized village; supplies on notice; plentiful good water from a tank, near which and close to where the road joins that from Dinajpur, is O-G; country and road as before; cross a nullah at 6½ m., fordable except after heavy rain. |
| | | TITALYAH . . . | 17 | 119 | |
| | | SANNASIKATA . . . | 7 | 126 | Country and road as above; pass Atwari, where a halt might be made, at 4 m., and cross the Nagar immediately afterwards, by temporary bridge (unsuitable for artillery) or ford in dry weather, by ferry (1 raft) in the rains. See Route 336. |
| | | SILIGURI . . . | 8½ | 134½ | |
| | | KHAPRAIL . . . | 7 | 141½ | |
| | | DISARBATI . . . | 6½ | 148 | |
| | | KURSEONG (RIFLE RANGE). | 6 | 154 | |
| | | SONADA . . . | 10 | 164 | |
| | | DARJEELING . . . | 10 | 174 | |
| | | Total marches, 17 = 174 m. | | | |

Route No. 435.
FROM MALDA TO DINAJPUR.
via GAJOL AND TAMBULI.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Malda, Malda. Collector of Dinajpur, Dinajpur. | BOLIA NAWAB- GANJ. | 6½ | 6½ | See Route 434. |
| | | GAJOL . . . | 11½ | 18 | |
| | | DEOTALAO . . . | 10 | 28 | A small village; supplies very limited; abundant but inferior water from 3 tanks, one on roadside close to village, and the others in the vicinity; C-G. available on all sides of village to any extent; country open and slightly undulating; road, 20 ft. wide, unmetalled, but fit for all arms. |
| | | TAMBULI . . . | 11½ | 39½ | |
| | | DUNG DUNGI . . . | 18 | 57½ | A village with police sta.; supplies on notice; good water from the Tungan R., near which is small site for O-G; country level and cultivated; road as above; cross the Boliya at 8 m. and the Tungan at end of stage, by ford in dry season, by ferry (rafts) in the rains. |
| | | DINAJPUR . . . | 12 | 64½ | |
| | | Total marches, 6 = 64½ m. | | | A village; supplies on notice; good but limited water from a well in the market place, on both sides of road near which is small site for O-G; wells may be dug; country and road as above. See Route 108. Country light jungle with occasional cultivation; road as before; cross the Purnabhaba towards end of stage, by ferry, 2 rafts. |

Route No. 436.
FROM MALDA TO PURNEA.
via KATIHAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Malda, Malda. | NOWGURIA . . . | 11 | 11 | See Route 116. |
| | | HATUA p-o. | 13 | 24 | A village; supplies procurable; fair water from the Kalindri, near which, and in fields S. of village, is site for G-G; country cultivated, but low and subject to inundation; road, 20 ft. wide, unmetalled, but fair when not flooded; cross the Kalindri on starting, by ford in dry season, by ferry (1 boat, but others on notice) in the rains. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Port William. | Collector of Purnea, Purnea | DURGAPUR . 18,000 sq. yds. 25,000 sq. yds. | 12 | 80 | A village; supplies on notice; abundant good water from a stream, near which is site for C-G.; there is also space for encampment E. of village; country and road as above; cross the Kalindri en route, by ford in dry season, by ferry (1 large and 1 small boat) in the rains; no bridges and no culverts. |
| | | KANTAKOS . 10,000 sq. yds. | 12 | 48 | A village; supplies on notice; good water from the Ganges, near which and S.E. of village, is site for C-G.; country and road as above, but latter impassable during rains; cross the Komla on starting by a small ferry. |
| | | BAGMARA (NA-WABGANJ). | 5 | 68 | A small village; supplies on notice; good water from the Karikosi, on bank of which, and S. of factory, is small site for C-G.; country and road as above; nullahs fordable in dry season. |
| | | KATIHAR (HUF-LA SAIFGANJ.) p-o. t-s r-s. | 13 | 60 | A large village; supplies plentiful; abundant good water from wells in r-s. compound, where there is a small site for C-G.; good water is also obtained from a stream near maidan 1 m. W. of r-s; country, road and nullahs, as above. |
| | | RAUTARA . 10,000 sq. yds. p-o. r-s. | 9 | 75 | A village; supplies on notice; good water from a well in r-s, W. of which and 3 m. N. of a nullah, is site for C-G.; country and road as above; 2 nullahs are crossed en route, one, by ford in dry weather, by ferry (1 small boat) in the rains, the other by an iron bridge. |
| | | PURNEA . | 11 | 80 | See Route 118. Country and road as above, but latter metalled for last 2 m.; cross the Sonra near end of stage, by a strong bridge (graze should cross at intervals). |
| | | Total marches, 8 = 80 m. | | | |

Route No. 437.

FROM MANIPUR TO TAMU, on the road to Auktaung (Burma).

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. | | | | | | | | |
|------------------------------------|---|--|-----------------------------|--------|---|--|---------------------|-------|----------------------|-----|--------------------|-------|------------------------|
| Military. | Civil. | | Miles. | Total. | | | | | | | | | |
| G. O. C. Assam District, Shillong. | Political Agent at Manipur. | THOBAL . . . | 13½ | 13½ | A village on left bank of the Thobal R.; supplies on notice; good water from the river, near which is extensive site for O-G.; country open and highly cultivated; road a level bridle-path; bridges practicable for cavalry; cross the Irri (fordable in dry weather) at 5½ m., by ferry. | | | | | | | | |
| | | PALEL . . . | 13½ | 27 | A small village; supplies on notice; plentiful good water from a stream near village, close to which is site for O-G.; country open and partially cultivated; road and bridges as above. | | | | | | | | |
| | | TINGHAPAL . . . | 13 | 40 | A halting place; supplies on notice; water fair, but sometimes scarce, from spring; jungle has to be cleared and lean-to shelters made for encamping; country hilly, forest, with cleared patches here and there for cultivation; road as before, but ascends, gradient 1 in 10, after the first 2½ m.; pass Ainole at 8 m. | | | | | | | | |
| | | LAKOHAO RIVER. (Right Bank.) | 14 | 54 | A halting place; supplies on notice; good water from the river, near which is site for O-G.; country and bridges as before; road as in last stage, but undulating for 12 m, then descends steeply to the river; pass Khongang at 8 m., and cross the Lakho, at end of stage, by small ferry. | | | | | | | | |
| | | TAMU . . . p-o. t-s. | 12 | 66 | A village and military police outpost; supplies on notice; plentiful good water from a stream, near which is site for O-G.; country, road and bridges as above; gradients steep in places; cross the Lakho, towards end of stage, by ferry. From Tamu to Auktaung the following stages are made:— | | | | | | | | |
| | Deputy Commissioner, Upper Chinthein Districts. | | Total marches, 5 = 66 m. | | | <table><tr><td>Sungatpen</td><td>14 m.</td></tr><tr><td>Sweja camp</td><td>9 "</td></tr><tr><td>Auktaung</td><td>10½ "</td></tr><tr><td>TOTAL</td><td>33½ m.</td></tr></table> | Sungatpen | 14 m. | Sweja camp | 9 " | Auktaung | 10½ " | TOTAL |
| Sungatpen | | 14 m. | | | | | | | | | | | |
| Sweja camp | 9 " | | | | | | | | | | | | |
| Auktaung | 10½ " | | | | | | | | | | | | |
| TOTAL | 33½ m. | | | | | | | | | | | | |

Route No. 438.

FROM MARDAN TO ABAZAI.

via THE SWAT RIVER CANAL.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. P. F. Force, Abbottabad. G. O. C. Peshawar, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | NARRAI . . . b. | 11½ | 11½ | A halting place; supplies must be collected; plentiful good water from the canal near which, and close to the canal b., is site for C-G.; country open and partially cultivated; road practicable for all arms throughout, but only suitable as far as Gajarwah (p.o.) at 3 m, thence it runs along the bank of the canal crossing it at 10½ m., by a stone bridge; nullahs strongly bridged. |
| | | ZIAM . . . b. | 8½ | 20½ | A halting place; supplies must be collected; plentiful good water from the canal site for encampment near canal b.; country as above; road along S. bank of the canal, unmetalled, but bridged and suitable for all arms; pass Mirabad at 5½ m. |
| | | ABAZAI . . . p-o. | 9½ | 30 | A village with fort on left bank of the Swat R., where there is a ferry; supplies must be collected; wood and good water plentiful; suitable site for encampment between the fort and canal; country and road as above, latter along the canal and through an avenue of trees. Abazai is about 26 m. N. of Peshawar. |
| | | Total marches, 3 = 30 m. | | | |

Route No. 439.
FROM MARDAN TO LANDKHOR, on the road to Swat.

277

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|--|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Peshawar, Peshawar. | JALALA 180,000 sq. yds. | 11½ | 11½ | A village; supplies on notice; plentiful good water from a well and a stream, on bank of latter, and S. of village, is C-G.; country level and well cultivated; road metalled and bridged, practicable for all arms; pass Gujargarhi (p-o.) at ¼ m. and across the Kalapani towards end of stage, by rope suspension bridge for foot passengers and led animals, by stone causeway, except in floods, for wheeled traffic. |
| | | LANDEHOR . p-o. | 6 | 17½ | |
| | | Total marches, 2 = 17½ m. | | | |
| | | | Miles. | Total. | |
| | | | Landkhor to Kasims | 9 | 26½ |
| | | | Mora Banda (at foot of pass) | 14 | 40½ |
| | | | Mora Kotai | 10 | 50½ |
| | | | Thann | 9 | 59½ |

Route No. 440.
FROM MARDAN TO MALAKHAND PASS.
via DARGAL.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Jr. Commr. of Peshawar, Peshawar. Political Officer of Malakhand. | JALALA | 11½ | 11½ | See Route 439. |
| | | DARGAT P.O. | 13½ | 26 | A large village with an earthwork enclosure, situated at the foot of a low spur, between which and the main range the road up the pass runs; supplies procurable; plentiful good water brought by pipes from a spring 8 m. distant, and also from wells; extensive site for C-G. on roadside near the enclosure; country at first undulating and partially cultivated, afterwards hilly, broken and intersected by ravines; road as above; cross the Baggarai stream soon after starting, by ford, except when in flood, or by suspension bridge for pack animals, pass Shergarh at 6, Shahkot at 8½, and cross the Shahkot nullah at 10 m. by a strong wooden bridge. |
| | | MALAKHAND PASS | 6½ | 32½ | A halting place; no supplies except grass and firewood; plentiful good water from pipes led by springs S-W. of C-G., site for which is on an open space near a few Gujar huts; country hilly and wild; road as above; at 1¼ m. commence the ascent of the Kotai by a graded cart-road and reach the crest, which is commanded by a fort ¼ m. W. of the pass, at 7½ m., thence there is a short easy descent to the camp. The road continues on, via Khar, to Chakdarra, distant about 10 m. |
| | | Total marches, 3 = 31½ m. | | | |

Route No. 441.
FROM MARDAN TO MIR KHAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commr. of Peshawar, Peshawar. | KATIANG 10,000 sq. yds p-o. | 12 | 12 | A large village; supplies on notice; plentiful good water from a well in, and springs near, police stn., close to which is site for C-G.; country flat and cultivated; road unmetalled, level for first 7 m., then very rough through a narrow ravine, unsuitable for wheeled traffic; cross the Kalapani (generally fordable) soon after starting. From Katlang a country track leads N. to Swat, via Kahni and the Mora pass, and another N-W. to Landhor. |
| | | MIR KHAN | 8 | 20 | |
| | | Total marches, 2 = 20 m. | | | A small village; supplies on notice; water, in cold weather, from a tank ½ m. N. of village, in summer from a spring in the hills 3 m. from village, on cultivated land near which is extensive site for C-G.; country and road as above; at 4 m. the road to Kahni, distant about 4 m., branches off. |

Route No. 442.
FROM MARDAN TO SALIM KHAN, on the road to Chinglai.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Peshawar, Peshawar. | ISMAILA | 11 | 11 | See Route 6. |
| | | SALIM KHAN | 13 | 24 | |
| | | Total marches, 2 = 24 m. | | | A village; supplies on notice; plentiful good water from wells in village, W. of and near which is extensive site for C-G.; country level and fairly cultivated; road neither metalled nor bridged, but fair and practicable for all arms, though difficult for wheeled traffic towards end of stage; nullahs subject to sudden floods, but water subsides rapidly; pass Manufdar at about 7 m. From Salim Khan a road runs N-E. to Mangal Thana, 18 m., thence to Malika, total 36 m. Chinglai, the chief place in Panjtar, is about 16 m. N. of Salim Khan. |
| | | | | | |

Route No. 443.
FROM MARDAN TO SHERDARBA, on the border of Buner Territory.

| AUTHORITIES. | | Name of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|--|-----------|-------|---|
| Military | Civil | | Miles. | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Peshawar, Peshawar. | ISMAILA . . . | 11 | 11 | See Route 6 |
| | | PARMALI . . . | 8 | 10 | A village; supplies on notice; plentiful good water from wells in vicinity of village, near which is extensive site for C-G; country level and well cultivated; road unmetalled and unbridged, but practicable for all arms, good as far as Nawa-Killa, 7½ m., thence narrow and rough, pass Adina at 1½, cross a nullah (fordable except when in flood) soon afterwards, and pass Sheva at 10 m. |
| | | SHERDARBA . . . | 5 | 24 | A small village; no supplies; good water procurable, but limited; space for encampment near village; country barren; road as in latter part of last stage, nullahs not difficult; pass Mir Ali at 2 m. |
| | | Total marches, 3 = 24 m. | | | NOTE—It would be preferable to halt at Mir Ali, where there is a better water supply. Sherdarba is, however, the nearest point to Buner Territory, and it might be necessary to concentrate troops there, prior to crossing the border. From Sherdarba a road leads to Tarsala (said to be the largest village in Buner), distant about 25½ m., via Amleya, 8½ m. |

Route No. 444.
FROM MARDAN TO SURKHAWI, on the road to Malka.
via RUSTAM.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS | | | | | | | | |
|---|--|---|----------|-------|--|--------------------|-------|-----------------|-----|-----------------|------|------------------------|--------------|
| Military | Civil | | Miles | Total | | | | | | | | | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Peshawar, Peshawar. | CHARGULAI . | 10 | 10 | A village; supplies procurable; plentiful good water from wells in village, close to road, E. of which is ample site for C-G; country level and somewhat barren; road, 80 ft. wide, unmetalled, but passable for all arms; pass Balakhal at 9½, where there is good C-G, and Kutarpan at 16 m. | | | | | | | | |
| | | SURKHAWI | 9 | 20 | A small village at entrance of the pass; supplies must be collected; good water procurable, but limited; waste land near village available for C-G; country as above; road as before for first 8 m., it then narrows, but still practicable for all arms; pass Rustam (p-o) at 4 m., where there is a site for encampment, supplies and good water being obtainable. Malka is about 31 m. from Surkhaw; and the route to it would make the following stages.— <div style="text-align: right; margin-right: 20px;"><table><tr><td>Amberlya</td><td>11 m.</td></tr><tr><td>Kuria</td><td>8 "</td></tr><tr><td>Malka</td><td>12 "</td></tr><tr><td>TOTAL</td><td>31 m.</td></tr></table></div> | Amberlya | 11 m. | Kuria | 8 " | Malka | 12 " | TOTAL | 31 m. |
| | | Amberlya | 11 m. | | | | | | | | | | |
| Kuria | 8 " | | | | | | | | | | | | |
| Malka | 12 " | | | | | | | | | | | | |
| TOTAL | 31 m. | | | | | | | | | | | | |
| Total marches, 2 = 25 m. | | | | | | | | | | | | | |

Route No. 445.
FROM MEEAN MEER TO EDWARDESABAD.
via KAMOKI, RAMNAGAR, MIANI AND KALABAGH.

| AUTHORITIES. | | Name of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|--|--|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meeran Meer. | By Commr. of Lahore, Lahore. | LAHORE . . . | 0 | 0 | See Route 265. |
| | | SHAH DARA . . . | 24 | 24 | |
| | | MURIDKE . . . | 12½ | 21 | |
| | Deputy Commissioner of Gujranwala, Gujranwala. | KAMOKI . . . | 12½ | 33½ | See Route 299. |
| | | KILA-DIDAR-SINGH . . . | 10½ | 50 | |
| | | SAHARAN . . . | 0½ | 69½ | |
| | Deputy Commissioner of Gujrat, Gujrat. | RAMNAGAR . . . | 10 | 69½ | Country and road as above; cross the ry. about half-way. |
| | | RANMAL . . . | 5½ | 75 | |
| | | PHALIA . . . | 10 | 85 | |
| | | KUTHIALA-SHEIKHAN . . . | 9½ | 94½ | |
| G. O. C. Bawal District, Rawal Phandi. | Deputy Commissioner of Shahpur, Shahpur. | KATHALA MIANI . . . | 10½ | 105 | See Route 268. |
| | | MIANI . . . | 12 | 117 | |

For other remarks, see Route 7 (a)

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhelum, Jhelum. | PIND-DADAN-KHAN. | 7½ | 124½ | See Route 7(a). |
| | | CHOYA-SAIDAN-SHAH. | 18½ | 187½ | |
| | | DALELPUR . . . | 9 | 146½ | |
| | | KALLAR-KAHAR . . . | 9 | 155½ | |
| | | BHIRPUR . . . | 9 | 164½ | |
| | | TALAGANG . . . | 11 | 175½ | See Route 208. |
| | | SINGWALA . . . | 11½ | 187 | |
| | | TANMAN . . . | 8 | 195 | For other remarks, see Route 7. |
| | | SHAH MUHAMMAD-WALA . . . | 19 | 207 | |
| | | NIKI . . . | 10 | 217 | |
| | | MARI . . . | 17 | 234 | See Route 4. |
| | | KALABAGH . . . | 3 | 237 | |
| | | KANABMASHANI . . . | 14½ | 251½ | |
| | | ISAKHEL . . . | 14 | 265½ | |
| | | DAIRA TANG . . . | 8 | 273½ | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Bannu, Kharakdahan. | LAKI . . . | 16½ | 280½ | |
| | | NAURANG SARAI . . . | 15 | 301½ | |
| | | EDWARDESABAD . . . | 16 | 320½ | |
| | | Total marches, 30 = 820½ m. | | | |
| | | | | | |

Route No. 446.
FROM MEEAN MEER TO FEROEZPORE.
via KASUR AND GANDA SINGHWALA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Lahore, Lahore. | KANA-KACHA 620 × 520 yds. p-o. b. | 11½ | 11½ | A village; supplies procurable; plentiful good, but brackish, water from wells near C-G, which is to right of road, near sarai; country partially cultivated; road metalled and bridged; leave the cantonments by the cavalier lines; pass Amar Sidhu at 4½ (here road from Lahore joins in), and Gajju Matia at 9½ m. Kana-Kacha is 16½ m. from the Badami Bagh at Lahore. |
| | | LULIANI 470 × 290 yds. p-o. b. | 8½ | 19½ | |
| | | KASUR . . . 720 × 670 yds. p-o. t-e. r-s. b. | 9½ | 29 | A large town with a sarai; supplies procurable; good water from a well on, and the canal near C-G, which is on right of road; there are other wells in village; country and road as above; pass Jilki at 3½, and cross the Bari Doab canal at 7½ m. |
| | | GANDA SINGH-WALA . . . | 6½ | 35½ | |
| | | FEROEZPORE . . . | 10½ | 46½ | Country becomes low and cultivated on leaving Kasur; road as above; pass the road to Channian at ½, ascend the steep bank of the old Beas at 1½, pass Bangla at 1½, and Man at 3½ m. See Route 47. |
| | | Total marches, 5 = 46½ m. | | | |

Route No. 447.
FROM MEEAN MEER TO GUJRAT.
via SHEKHUPURA, HAFIZABAD AND RAMNAGAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Lahore, Lahore. | LAHORE . . . | 0 | 0 | See Route 286. |
| | | MANDIALI . . . 44,770 sq. yds. b. | 10 | 10 | |

A small village; supplies procurable; plentiful good water from a well on C-G, which is near sarai; country level, open and well cultivated; road metalled and bridged; cross the Ravi at 1 m., by bridge-of-boats, maintained throughout the year.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|---------------------------------------|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Gujranwala, Gujranwala. | SHEKHUPURA . | 11 | 27 | See Route 800. Country as above; road 50 ft. wide, unmetalled, but suitable for all arms. |
| | | JANDIALA-SHER-KHAN. p-o. | 8½ | 35½ | A village; supplies on notice; plentiful good water from wells within 100 yds. of village, near which extensive site for C-G. can be arranged for on notice; country and road as above, latter 60 ft. wide. |
| | | AJNIANWALA . p-o. | 13 | 47½ | A village; supplies on notice; plentiful good water from wells within 100 yds. of village, and from the Chonab canal (Gugera branch); extensive site for C-G. can be arranged for on notice; country and road as in last stage; pass Jhabran at 4½ m. |
| | | HAFIZABAD . | 11 | 68½ | See Route 289. |
| | | GAJARGOLA . | 10 | 68½ | Country and road as before, latter 80 ft. wide; pass Kasseke at 1 m. |
| | | RAMNAGAR . | 11 | 79½ | For other remarks, see Route 289. |
| | | JOKALIAN . | 7 | 86½ | See Route 801. |
| | | KUNJAH . | 11 | 100½ | |
| | | GUJRAT . | 8 | 108½ | For other remarks, see Route 289. |
| | | Total marches, 11 = 108½ m. | | | |

Route No. 448.
FROM MERAN MEER TO GURDASPUR.
via BATALA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meer Meer. | Dr. Commr. of Amritsar, Amritsar. | AHWAN 10,910 sq. yds. | 11½ | 11½ | A village; supplies procurable; plentiful good water from 2 wells close to C-G., site for which is W. of road and 600 yds. E. of village; country level, open and cultivated; road, 50 ft. wide, unmetalled, rough, but bridged and passable for all arms; cross the canal at 5½, and the Grand Trunk Road at Shuhmar at 0½ m. |
| | | CHAOGAON . | 12 | 23½ | See Route 448. Country and road as above; pass Chak at 4 m. |
| | | SAINSARA . | 11½ | 34½ | A village; supplies on notice; plentiful good water from wells in and near village, around which is site for C-G.; country and road as above; cross the canal at 4½ and 0½, and the Amritsar-Sialkot road at 8½ m. |
| | | PANDHIR . | 8½ | 42½ | A village; supplies on notice; plentiful good water from wells in and near village, close to which is site for C-G.; country and road as above. |
| | | BATALA . | 15 | 57½ | Country and road as above, but latter partially metalled; cross the canal at 6½ and 0 m. |
| | | BIDHIPUR . | 9½ | 67½ | |
| | | GURDASPUR . | 9½ | 77½ | See Route 49. |
| | | Total marches, 7 = 78½ m. | | | |

Route No. 449.
FROM MERAN MEER TO HOSHIARPUR.
via BATALA, BEYT FERRY AND TANDA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--------------------------------------|-----------------------------------|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meer Meer. | Dr. Commr. of Amritsar, Amritsar. | AHWAN . | 11½ | 11½ | NOTE.—This route is preferable to No. 448(a) as it is a better one in all respects. |
| | | CHAOGAON . | 12 | 23½ | For other remarks, see Route 48. |
| | | SAINSARA . | 11½ | 34½ | See Route 448. |
| | | PANDHIR . | 8½ | 42½ | |
| | | BATALA . | 15 | 57½ | For other remarks, see Route 49. |
| | | DHARIWAL . p-o. t-o. | 8 | 65½ | A village; supplies on notice; good water from wells and the canal; C-G. must be arranged for; country level and cultivated; road metalled for first 1½ m. only, but bridged and passable for all arms; cross the canal at 7 m. |
| | | BEYT FERRY . | 12 | 77½ | See Route 874. Country as above; road as in latter part of last stage; cross the canal at 5½ and pass Harchawal at 7 m. |
| | | | | | |

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meean Meer. | Dr. Commr. of Hoshiarpur, Hoshiarpur. | TANDA . . . | 8 | 55½ | For other remarks, see Route 374. See Route 50(a). For other remarks, see Route 53. |
| | | BULOVAL . . . | 10½ | 66½ | |
| | | HOSHIARPUR . . . | 10½ | 106½ | |
| | | Total marches, 10 = 100½ m. | | | |
| | | | | | |

Route No. 449(a).
FROM MEEAN MEER TO HOSHIARPUR.
via BATALA, SRIGOVINDPUR AND TANDA.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meean Meer. | Dr. Commr. of Amritsar, Amritsar. Dr. Commr. of Hoshiarpur, Hoshiarpur. | AHWAN . . . | 11½ | 11½ | For other remarks, see Route 44. See Route 418. |
| | | CHAOGAON . . . | 12 | 23½ | |
| | | SAINSARA . . . | 11½ | 35½ | |
| | | PANDHUR . . . | 5½ | 41½ | |
| | | BATALA . . . | 15 | 57½ | For other remarks, see Route 43. |
| | | KANDILA . . . | 0 | 57½ | A village; supplies on notice; good but limited water from wells in vicinity of village; 500 l. must be arranged for; country level and cultivated; road metalled for first 2 m. only, but bridged and passable for all arms; pass Masanian at 3 and cross the canal at 6 m. |
| | | SRIGOVINDPUR . . . | 0½ | 70½ | |
| | | TANDA . . . | 10 | 80½ | Country as above; road as in latter part of last stage. See Route 50(a). |
| | | BULOVAL . . . | 10½ | 91½ | |
| | | HOSHIARPUR . . . | 10½ | 102½ | For other remarks, see Route 53. |
| | | Total marches, 10 = 102½ m. | | | |
| | | | | | |

Route No. 450.
FROM MEEAN MEER TO JIANG.
via SHEKHUPURA, PINDI-BHATIAN AND CHINIOT.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meean Meer. G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Lahore, Lahore. Deputy Commr. of Gujranwala, Gujranwala. Deputy Commr. of Jhelum, Jhelum. | LAHORE . . . | 0 | 0 | See Route 235. |
| | | MANDIALI . . . | 10 | 10 | See Route 437. For other remarks, see Route 50. |
| | | SHEKHUPURA . . . | 11 | 21 | |
| | | CHUHUR KANA . . . 90,100 sq. yds. | 11½ | 32½ | A small village; supplies on notice; plentiful good water from wells in vicinity of, and the canal about 1 m. from, C.G., which is N. of village and road; country level, open and partially cultivated; road 60 ft. wide, unmetalled, but suitable for all arms. |
| | | KHANQAH-DOG-RAN . . . | 12 | 60½ | |
| | | BUKHEKI . . . 219,610 sq. yds. | 0½ | 60½ | Country covered with scrub-jungle; road as above. A village; supplies on notice; plentiful good water from wells within 100 yds. of, and a branch of the Chenab canal near, C.G., which is about ½ m. S. of village; country partially cultivated; road as above. |
| | | PINDI-BHATIAN . . . | 12½ | 72½ | |
| | | SHEKHAN . . . | 10 | 82½ | Country and road as above, latter sandy and heavy in places. The road from Mooltan passes through Pindi-Bhatian. |
| | | CHINIOT . . . | 12 | 94½ | |
| | | BUKHARI . . . | 0½ | 104½ | See Route 235. |
| | | BHAWANA . . . | 14½ | 119½ | |
| | | | | | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--------------------------------------|--|----------|-------|------------------|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhang, Jhang. | KHIWA . . . | 14 | 182½ | } See Route 280. |
| | | JHANG . . . | 16½ | 147½ | |
| | | Total marches, 13 = | | | |
| | | 147½ m. | | | |

Route No. 451.
FROM MEEAN MEER TO MONTGOMERY.
 via AKBAR.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Lahore, Lahore. | From the Church to NIAZ-BEG . . . | 12½ | 12½ | A village; supplies on notice; good water, for a battn., from a well on C-G., which is W. of road and near a temple; country level, open and partially cultivated; road metalled and passable for all arms. |
| | | 300 x 270 yds. p-o. | | | |
| | | CHUNG . . . | 6½ | 18½ | |
| | | 670 x 500 yds. p-o. | | | |
| | | NANKANA . . . | 10½ | 29½ | |
| | | 410 x 120 yds. b. | | | |
| | | BHAI PHERU . . . | 10½ | 39½ | |
| | | 420 x 120 yds. p-o. | | | |
| | | MUGHAL SARAI . . . | 7 | 46½ | |
| | | 185,000 sq. yds. b. | | | |
| | | CHOCKAK . . . | 16 | 62½ | |
| | | 400 x 220 yds. p-o. | | | |
| | | MIRAK . . . | 10 | 72½ | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Montgomery, Montgomery. | 230 x 170 yds. b. | | | A village; supplies on notice; good water, for a battn., from a well on C-G., which is about 1½ m. short of the small town of Mangra (p-o); country level, open and barren; road as above. |
| | | AKBAR . . . | 14 | 86½ | |
| | | KAURA SHAH . . . | 10 | 96½ | |
| | | MONTGOMERY . . . | 10 | 106½ | |
| | | Total marches, 10 = | | | |
| | | 100½ m. | | | |

Route No. 451(a).
FROM MEEAN MEER TO MONTGOMERY.
 via CHUNIAN, SHERGARH AND SATGHARA.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Lahore, Lahore. | NIAZ-BEG . . . | 12½ | 12½ | } See Route 451. |
| | | CHUNG . . . | 6½ | 18½ | |
| | | NANKANA . . . | 10½ | 29½ | |
| | | BHAI PHERU . . . | 10½ | 39½ | |
| | Deputy Commissioner of Montgomery, Montgomery. | JAMBER KHURD . . . | 5½ | 45½ | A village; supplies on notice; plentiful good water from wells in vicinity of village, near which is site for C-G.; country covered with thick jungle; road unmetalled, not much used, but passable for all arms. |
| | | OHUNIAN . . . | 12½ | 57½ | |
| | | SHERGARH . . . | 18 | 75½ | |
| | | SATGHARA . . . | 14½ | 90½ | } See Route 258. Country and road as above; pass Changa-Manga r-o, at 5 and cross the Bari Doh Main canal at about 7 m, by a strong brick bridge. |
| | | AKBAR . . . | 18 | 103½ | |
| | | KAURA SHAH . . . | 10 | 113½ | |
| | | MONTGOMERY . . . | 10 | 123½ | |
| | | Total marches, 11 = | | | } See Route 267. |
| | | 128½ m. | | | |

Route No. 452.
FROM MEEAN MEER TO SHAHPUR
 via SHEKHUPURA AND PINDI-BHATIAN.

283

| APPROPRIATE. | | Name of station and size of occupying garrison. | Distance. | | Remarks. |
|---|---------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | By Commr. of Lahore. | LAHORE | 6 | 6 | See Route 206. |
| | | MANDIALI | 10 | 16 | } See Route 447. For other remarks, see Route 300. |
| | | SHEKHUPURA | 11 | 27 | |
| | | CHOHUR KANNA | 11½ | 38½ | } For other remarks, see Route 301. See Route 450. |
| | | KHANGAH-POORAN. | 13 | 50½ | |
| | | SUKHEKI | 9½ | 60½ | } For other remarks, see Route 203. |
| | | PINDI-BHATIAN | 12½ | 72½ | |
| | | CHENAB RIVER right bank of the— | 7 | 79½ | A halting place; supplies on notice; plentiful good water from wells; site for C.G. near the river; country jungly; road, 90 ft. wide, unmetalled, sandy and heavy, unsuitable for artillery in rainy season; cross the Chenab R. at end of march, by ferry. |
| | | LAKSIN 16000 sq. yds. b. | 6 | 85½ | A small village about 4 m. from the road; supplies on notice; abundant good water from a well on and others in vicinity of C.G., which is about 1 m. N. of village; country flat and sandy in parts; road as above; cross a nullah soon after starting that is difficult during the rains. |
| | | BHAGTANWALA 16000 sq. yds. b. | 10½ | 96 | A halting place with a police etc.; supplies on notice; abundant good water from a well in the area; and from a tank close to C.G., which is near road; country and road as above. |
| G. O. C. Rawal Pindi District, Rawal Pindi. | By Commr. of Rawal Pindi. | MITTA LAK 94000 sq. yds. b. | 10 | 106 | A village; supplies on notice; plentiful good water from 2 wells near C.G., which is W. of village; water also from a tank which contains a large supply during rainy season; country partly cultivated; road fair, 64 ft. wide, unmetalled but bridged, unsuitable for artillery during rains; pass a good well at Samundwalli about half-way. |
| | | DHIREMA 11000 sq. yds. b. | 10 | 116 | A village about 1 m. S. of the road; supplies easily procurable on notice; plentiful good water from a well near C.G., which is close to road; country partly cultivated, but mostly jungly; road as above. |
| | | SHAHPUR | 10 | 126 | See Route 7. |
| | | Total marches, 13 = 126 m. | | | Country and road as above; pass a good well at Vegoral at 6½ m. |

Route No. 452(a).
FROM MEEAN MEER TO SHAHPUR.
 via RAMNAGAR AND MIANI.

| APPROPRIATE. | | Name of station and size of occupying garrison. | Distance. | | Remarks. |
|---|---------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | By Commr. of Lahore. | LAHORE | 6 | 6 | See Route 206. |
| | | KOT PINDI DASS. P.O. | 10½ | 16½ | A village; supplies on notice; good water plentiful; extensive site for C.G. near village; country level, open and partially cultivated; road unmetalled and waterlogged in rains, but fair in dry weather; cross the Bari (bridge-of-boats maintained throughout the year) at 1 m. |
| | | BATALI KALAN | 12½ | 29½ | A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C.G. can be arranged for on notice; country and road as above. |
| | | THABAL | 15½ | 45 | A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C.G. can be arranged for on notice; country and road as above. |
| | | NAHIWALA | 10½ | 55½ | A small village; supplies on notice; plentiful good water from wells in vicinity of village, near which a site for C.G. can be arranged for on notice; country and road as above. |
| | | RAMNAGAR | 10½ | 67 | Country and road as above. |
| | | RANMAL | 5½ | 72½ | } See Route 203. |
| | | PHALIA | 10 | 82½ | |
| | | RUTHIALA-SHEKHAN. | 9½ | 92½ | } For other remarks, see Route 7(a). |
| | | KATHALA MIANI. | 10½ | 103½ | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | By Commr. of Rawal Pindi. | MIANI | 12 | 114½ | } See Route 7(a). |
| | | BHARA | 9 | 123½ | |
| | | CHAK-RAMDOAS | 11 | 134½ | } For other remarks, see Route 7. |
| | | JHAWARIAN | 8½ | 143 | |
| | | SHAHPUR | 11 | 154 | |
| | | Total marches, 16 = 154 m. | | | |

Route No. 453.
FROM MEEAN MEER TO SIALKOT.
via KAMOKE AND EMINABAD.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|---------------------------------------|---|-----------|--------|---|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dr. Commr. of Lahore, Lahore. | LAHORE . . . | 0 | 0 | See Route 266. |
| | | SHAHNARA . . . | 2½ | 8½ | |
| | | MURIDKE . . . | 12½ | 21 | |
| | | KAMOKE . . . | 12½ | 33½ | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Gujranwala, Gujranwala. | EMINABAD . . . | 6 | 39½ | See Route 48 Country cultivated; road, 25 ft. wide, unmetalled, but suitable for artillery. A new road runs W. from Eminabad to Dhillsnawali on the Grand Trunk Road, distant 3 m. A small village, supplies on notice; plentiful good water from 6 wells within 300 yds. of C-G., which is W. of and close to road; country level, open and well cultivated; road in fair order, 00 ft. wide, unmetalled, but suitable for all arms; nullahs bridged, pass Mandula at 7 and Budhopur at 8 m. From Dharmkot a road runs E. to Wadala Sandhuan (p-o.), distant 2½ m. A small village; supplies on notice; plentiful good water from 6 wells within 200 yds. of C-G., which is E. of road and near village; country, road and nullahs as above; pass Bhutitwad at 3 and Mandula at 8½ m. See Route 51. Country as above; road metalled for last 8½ m. only, but bridged throughout and suitable for all arms, pass the city of Sialkot at 9 m. |
| | | DHARMKOT 410 x 350 yds. b. | 18½ | 62 | |
| | | BHALLOWALI 410 x 400 yds. | 18½ | 65½ | |
| | | SIALKOT Church . . . | 12½ | 78½ | |
| | | Total marches, 8 = 78½ m. | | | |

Route No. 453(a).
FROM MEEAN MEER TO SIALKOT.
and GUJRANWALA AND DASKA.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|---------------------------------------|---|-----------|--------|--|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Meer. | Dr. Commr. of Lahore, Lahore. | LAHORE . . . | 0 | 0 | See Route 266. |
| | | SHAHNARA . . . | 2½ | 8½ | |
| | | MURIDKE . . . | 12½ | 31 | |
| | | KAMOKE . . . | 12½ | 33½ | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Gujranwala, Gujranwala. | GUJRANWALA . . . | 11½ | 45 | A large village; supplies procurable; plentiful good water from a well on, and others in vicinity of, C-G., which is E. of road; country level, open and well cultivated; road unmetalled, but good and suitable for artillery except after heavy rain, leave the Grand Trunk Road at 1½, pass Chal Jagna at 3½ and Ranjhar at 14 m. A small village; supplies on notice; plentiful good water from 7 wells in vicinity of C-G., which is W. of road; country and road as above; nullahs bridged; pass Jastornal at 2½ m. See Route 51. Country, nullahs and road as above, except that the last 6 m. of latter are metalled; pass the city of Sialkot at 6½ m. |
| | | DASKA . . . 300 x 270 yds. p-o t-s. b. | 10½ | 61½ | |
| | | GHUENKI 290 x 390 yds. | 0½ | 70½ | |
| | | SIALKOT Church . . . | 9½ | 80½ | |
| | | Total marches, 8 = 80½ m. | | | |

Route No. 454.
FROM MEERUT TO BIJNOR.
via BAHSUMA

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------|---|-----------|--------|--|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Colt. of Meerut, Meerut. | MASURI . . . | 10 | 10 | A small village; supplies on notice; good water from wells; extensive site for C-G. near village; country flat and cultivated; road metalled and bridged as far as Satali, 64 m. thence unmetalled and indifferent, cross the Kali Nadi just before reaching Satali. A large village; supplies procurable; good water from 2 wells close to village, near which, on cultivated land, is site for C-G.; country as above, road, 30 ft. wide, unmetalled and indifferent; cross the Cheya Nadi at 1 and the canal at 2½, both strongly bridged. |
| | | BAHSUMA . . . p-o | 13 | 23 | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohil- kund District, Bareilly. | Collector of Muzaf- farnagar, Muzaffarnagar. | HUSAINPUR p-o. | 7½ | 80½ | A village; supplies must be collected; plentiful good water from wells in vicinity of village, near which is ample site for G.G.; country fairly cultivated; road bad and intersected by unbridged ravines from the Ganges. |
| | | BIJNOR Church 640 x 810 yds. p-o. t-s. b. | 8½ | 89½ | |
| | | Total marches, 4 = 88½ m. | | | |

Route No. 455.
FROM MEERUT TO KARNAL.
via SHAMLI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Meerut. | BHAUNI . . . | 12 | 19 | NOTE.—The whole of this road is liable to be flooded in wet weather. A village; supplies on notice; good water from a well in vicinity (81 ft. of water), and also from a canal; camp could be pitched anywhere as country is level, open, and well cultivated; the road (80 ft.) is metalled (12 ft.) and bridged as far as, and including the Ganges canal, which is crossed at 8½ m., afterwards unmetalled, 26 ft. wide; pass Dabuta at 7½ and Nana at 8½ m.; after crossing the canal, a metalled road, 30 ft. wide, leads N. to Sardhana and an unmetalled road also leads to the same place at 11 m.; near Bhauri an unmetalled road leads W. to Barant, 18 m., crossing the Hindan R. by boat at 6½ m., fordable in dry season; supplies plentiful at these places. |
| | | JAULA . . . 198,100 sq. yds. p-o. t-s. | 12½ | 24½ | |
| | | SHAMLI . . . 85,124 sq. yds. p-o. t-s. | 18½ | 38½ | A town; supplies procurable; plentiful good water from 3 private wells close to C.G., which is N. of road and near town; country low-lying, subject to inundations; road as before; pass Sarai at 2, Phengua at 4½ and cross the Kristna Nadi (bridged) at 10 m. |
| | | BIDAULI . . . 90,900 sq. yds. p-o. | 19½ | 52½ | A village; supplies on notice; plentiful good water from 3 private wells in the vicinity of C.G., latter being situated 5 furlongs N. of village; country low at first, afterwards high and cultivated; road as above; cross the E. Jumna canal (bridged) at 1, pass Pitauli at 2½, Tapana at 4½, cross the Katha Nadi at 8, and the Khokri Nadi at 18 m. (both unbridged). |
| G. O. C. Sir- hind District, Unahla. | Dy. Commr. of Karnal, Karnal. | KARNAL . . . | 11 | 68½ | See Route 260. Road on E. of the Jumna is 20 ft. wide, unmetalled; on W. of the river a mere track for first 3 m., but passable for all arms throughout; in dry weather there is a bridge-of-boats across the Jumna; bridge not strong enough for heavy traffic; a ferry (3 boats, each carrying 70 to 100 men) in the rains; it takes about 40 minutes to cross the river which is about ½ m. wide. |
| | | Total marches, 5 = 63½ m. | | | |

Route No. 456.
FROM MEERUT TO LANDOUR,
via MUZAFFARNAGAR, DEOBAND AND MOHAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Muzaffarnagar, Muzaffarnagar. | DAURALA . . . 144,350 sq. yds. | 8½ | 8½ | A small village; supplies must be collected; plentiful good water from 2 wells on C.G., which is ½ m. from Sardhana r-s.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; pass Daulri at 2½ and Sohawa at 6½ m. |
| | | KHATAULI . . . 11,860 sq. yds. p-o. t-s. r-s. | 10½ | 18½ | |
| | | MUZAFFARNAGAR 166,880 sq. yds. p-o. t-s. r-s. b. | 14 | 32½ | A small civil stn.; supplies abundant; plentiful good water from several wells in vicinity of C.G., which is W. of road; country and road as above; pass Mansurpur r-s. at 5½, and Sujra at 10 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | | |
|-----------------------------------|----------------------------------|---|-----------|--|--|--|--|
| Military. | Civil. | | Miles. | Total. | | | |
| G. O. C. Meerut District, Meerut. | Colr. of Saharanpur, Saharanpur. | DFORBAND 610 × 245 yds. p-o. t-s. r-s. b. | 16½ | 49½ | A large town; supplies plentiful; abundant good water from 2 wells and a tank near O-G., which is S. of town; country and road as before; cross the Kal stream at 5 m. | | |
| | | NAGAI 790 × 195 yds. p-o. r-s. | 11½ | 60½ | A small village; supplies scarce; plentiful good water from a well on O-G., which is S-E. of road, near village; country as above; road unmetalled, but good and strongly bridged. | | |
| | | FATEHPUR 660 × 210 yds. p-o. b. | 17 | 77½ | A small village; supplies procurable with difficulty; plentiful good water from a well on, and a tank close to, O-G., which is near village and W. of road country and road as in last stage. | | |
| | | MOHAND 425 × 96 yds. p-o. t-s. b. | 13 | 80½ | A small village at the foot of the pass over the Sewalik range; supplies procurable with difficulty; fair water from a well and stream near O-G., which is E. of road; country as before; road metalled and bridged. | | |
| | | MAJRA 280 × 126 yds. | 11½ | 101½ | A large village; supplies from Dohra; good water from a well in village and from another on O-G., which is ½ m. S. of village; animals can water at canal; country jungly; road as in last stage, suitable for all arms; there is gradual ascent for 6½ m. to summit of the pass, thence a sharp fall to camp. | | |
| | | RAJPUR | 9 | 110½ | Country and road as above, See Route 40(a). For other remarks, see Route 40. | | |
| | | LANDOUR | 8 | 118½ | | | |
| | | | | Total marches, 10 = 119½ m. | | | |

Route No. 457.
FROM MEERUT TO MORADABAD.
via GARHMUKTESAR GHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Meerut. | From the Church to— | | | A village; supplies on notice; plentiful good water from 2 wells on O-G., which is 300 yds. N. of village; country level, open and well cultivated; road metalled and strongly bridged, suitable for all arms. |
| | | MAUKHAS | 10½ | 10½ | |
| | | 169,740 sq. yds. p-o. | | | |
| | | SHAHJAHANPUR | 8 | 18½ | |
| | | 168,210 sq. yds. | | | |
| | | GARHMUKTESAR | 0 | 27½ | |
| | | KUMRALA | 10½ | 38 | |
| | | RAJABPUR | 9½ | 47½ | |
| G. O. C. Rohil-cund District, Bareilly. | Collector of Moradabad, Moradabad. | BUDHANPUR | 12½ | 60 | See Route 191. For other remarks, see Route 57. |
| | | MORADABAD | 12½ | 72½ | |
| | | Total marches, 7 = | | | |
| | | 72½ m. | | | |

Route No. 458.
FROM MEERUT TO ROORKEE.
via MUZAFFARNAGAR.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|-----------------------------------|---|---|-----------|--------|--|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Meerut District, Meerut. | Collector of Muzaffarnagar, Meerut, Aluz afuzagar Meerat, Saharanpur. | DAURALA | 8½ | 8½ | See Route 450. | |
| | | KHATAULI | 10½ | 18½ | | |
| | | MUZAFFARNAGAR | 14 | 32½ | | |
| | | PUR | 10 | 42½ | A small town; supplies on notice; plentiful good water from 2 wells on, and the Ganges canal ½ m. E. of, O-G., site for which is ½ m. S. of town; country cultivated; road, 30 ft. wide, metalled and bridged; leave the road to Saharanpur at 4, pass Bisnau at 6, and Chapar at 8 m. | |
| | | 25,060 sq. yds. | | | | |
| | | ROORKEE | 16½ | 59½ | | A small cantonment; supplies procurable; plentiful good water from wells in surroundings adjoining O-G., which is E. of road, to mainmains; country and road as above; pass Mangtair (p-o. t-s.) at about 6 m. |
| | | 470 x 370 yds. p-o. t-s. r-s. b. | | | | |
| | | Total marches, 6 = | | | | |
| 64½ m. | | | | | | |

FROM MEERUT TO SIMLA.

via MUZAFFARNAGAR, SAHARANPUR AND KALKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District-Meerut. | Colr. of Meerut, Muzaffarnagar, Meerut, Muzaffarnagar. | DAURALA . . . | 8½ | 8½ | See Route 456. |
| | | KHATAULI . . . | 10½ | 18½ | |
| | | MUZAFFARNAGAR . . . | 14 | 32½ | |
| | | DEOBAND . . . | 15½ | 48½ | |
| | | NAGAL . . . | 11½ | 59½ | |
| G. O. C. Sirhind District, Umballa. | Colr. of Saharanpur, Saharanpur. | SAHARANPUR . . . | 9½ | 69½ | See Route 105. Country open and cultivated; road unmetalled, but good, the last 2 m. metalled; the Hindan R. is crossed at 5 m., fordable, except when in flood. |
| | | SIRSAWA . . . 310 x 185 yds. p-o. t-s. r-s. | 9½ | 79½ | |
| | | JAGADHRI . . . 400 x 400 yds. p-o. t-s. r-s. b. | 14½ | 94½ | |
| | | BILASPUR . . . | 11½ | 105½ | |
| | | SADHAURA . . . | 8 | 113½ | |
| | Deputy Commissioner of Umballa, Umballa. | NARAINGARH . . . | 9 | 122½ | See Route 410. |
| | | RAIPUR . . . | 10½ | 133½ | |
| | | RANGARH . . . | 11 | 144½ | |
| | | CHANDIGARH . . . | 8½ | 152½ | |
| | | KALKA . . . | 7½ | 160½ | |
| | Deputy Commissioner of Simla, Simla. | DHARMPUR . . . | 15½ | 176½ | See Route 331. |
| | | SOLAN . . . | 12½ | 188½ | |
| | | KHAIRI GHAT . . . | 13½ | 201½ | |
| | | SIMLA . . . | 18½ | 220½ | |
| | | Total marches, 19 = 220½ m. | | | |
| | Deputy Commissioner of Umballa, Umballa. | BILASPUR . . . | 11½ | 105½ | Country as before; road unmetalled but passable for all arms. |
| | | SADHAURA . . . | 8 | 113½ | |
| | | NARAINGARH . . . | 9 | 122½ | |
| | | RAIPUR . . . | 10½ | 133½ | |
| | | RANGARH . . . | 11 | 144½ | |
| | Deputy Commissioner of Simla, Simla. | CHANDIGARH . . . | 8½ | 152½ | For other remarks, see Route 410. |
| | | KALKA . . . | 7½ | 160½ | |
| | | DHARMPUR . . . | 15½ | 176½ | |
| | | SOLAN . . . | 12½ | 188½ | |
| | | KHAIRI GHAT . . . | 13½ | 201½ | |
| | | SIMLA . . . | 18½ | 220½ | |
| | | Total marches, 19 = 220½ m. | | | |

Route No. 460.

FROM MEERUT TO UMBALLA.

via MUZAFFARNAGAR, DEOBAND, SAHARANPUR AND JAGADHRI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|-----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Muzaffarnagar, Meerut, Muzaffarnagar. | DAURALA . . . | 8½ | 8½ | See Route 456. |
| | | KHATAULI . . . | 10½ | 18½ | |
| | | MUZAFFARNAGAR . . . | 14 | 32½ | |
| | | DEOBAND . . . | 15½ | 48½ | |
| | | NAGAL . . . | 11½ | 59½ | |
| | | SAHARANPUR . . . | 9½ | 69½ | |
| | | SIRSAWA . . . | 9½ | 79½ | |
| | | Total marches, 19 = 220½ m. | | | |
| G. O. C. Sirhind District, Umballa. | Collector of Saharanpur, Saharanpur. | SAHARANPUR . . . | 9½ | 69½ | See Route 410. |
| | | SIRSAWA . . . | 9½ | 79½ | |
| | | JAGADHRI . . . | 14½ | 94½ | |
| | | BILASPUR . . . | 11½ | 105½ | |
| | | SADHAURA . . . | 8 | 113½ | |
| | | NARAINGARH . . . | 9 | 122½ | |
| | | RAIPUR . . . | 10½ | 133½ | |
| | | RANGARH . . . | 11 | 144½ | |
| | Deputy Commissioner of Umballa, Umballa. | CHANDIGARH . . . | 8½ | 152½ | For other remarks, see Route 410. |
| | | KALKA . . . | 7½ | 160½ | |
| | | DHARMPUR . . . | 15½ | 176½ | |
| | | SOLAN . . . | 12½ | 188½ | |
| | | KHAIRI GHAT . . . | 13½ | 201½ | |
| | | SIMLA . . . | 18½ | 220½ | |
| | | Total marches, 19 = 220½ m. | | | |

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|-----------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sindh District, Umballa. | Deputy Commissioner of Umballa, Umballa. | JAGADHRI . | 14½ | 84½ | See Route 469. |
| | | CHAPPAR 400 × 400 yds. p-o. b. | 7½ | 102 | A village; supplies on notice; abundant good water from a well on C-G, latter N. of road and ¼ m. N-W. of village; country level, open and cultivated; road unmetalled, passable for all arms, but difficult for carts in wet weather; two unbridged nullahs (the Tokal and Chitang) are crossed en route, both impassable after heavy rain. There is an unmetalled road from Chappar to Umballa, which makes the following stages:— Mullon 8 m. Umballa 18½ " |
| | | ADHOA 378 × 200 yds. p-o. | 9½ | 111½ | This road is unmetalled and very heavy in places, but passable for all arms in dry weather. |
| | | SHAHABAD . | 10½ | 122 | A village; supplies on notice; plentiful good water from 2 wells on C-G, which is 608 yds. N-W. of village; country as in last stage; road unmetalled but bridged throughout; the Sunaid stream is crossed soon after starting. |
| | | UMBALLA . | 13½ | 135½ | Country and road as before; at Shahabad the Grand Trunk Road is joined. See Route 266. |
| | | Total marches, 12 = 185½ m. | | | |

Route No. 461.
FROM MIDNAPORE TO BALASORE.
via JALESHWAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Midnapore, Midnapore. | KHARAGPUR . | 5½ | 5½ | A small village; supplies on notice; plentiful good water from tanks and wells close to road on C-G, extensive site for which is on waste land, on both sides of road; country flat and well cultivated; road metalled, bridged, and fit for artillery; cross the Kossai on starting, by ford in dry weather, by ferry (2 boats, each carrying 50 men) in the rain. |
| | | MAKRAMPUR 80,000 sq. yds. | 9½ | 15½ | A small bazar; supplies on notice; plentiful, but indifferent water from tanks on roadside; C-G. in fields on both sides of road; country and road as above; pass Midincha at 7½ m. |
| | | BELDA 60,000 sq. yds. | 10 | 25½ | A small village; supplies on notice; very indifferent water from tanks near road, in fields on E. side of which is site for C-G.; country and road as above; pass near Naryasagar, a large village with p-o., at 5 m. |
| | | DANTAN p-o. b. | 10½ | 35½ | A village and police stn.; supplies on notice; plentiful, but very indifferent water from a tank on C-G.; small site for which is on S. side of bazar; country and road as above; pass Rainsagar at 4, and Bisda at 7½ m. |
| | | JALESHWAR p-o. t-a. b. | 12½ | 47½ | A large village with police stn. and weekly market; supplies on notice; plentiful good water from tanks and wells about 400 yds. S-W. of C-G., extensive site for which is in rice fields (under water in rains), 70 yds. E. of village; country level and cultivated, but subject to floods; road as above; pass Sonakunia at 5 m. |
| | Collector of Balasore, Balasore. | GORIKHAL . | 5½ | 53 | A village; supplies on notice; plentiful good water; extensive site for C-G. in fields 100 yds. E. of bazar; country and road as above; cross the Subantika (¼ m. wide) at 1 m., by ford in dry season, by ferry (2 large and 2 small boats) in the rains. |
| | | BASTALLA 150 × 80 yds. | 6 | 59 | A village; supplies on notice; good water from a stream, 250 yds. S. of which and about 4 m. S-E. of village, is site for C-G.; country and road as above; cross the Gorkhal on starting, by a suspension bridge. |
| | | HALDIPARA . | 6 | 65 | A small village; supplies on notice; plentiful good water from a tank 130 yds. S-E. of C-G., extensive site for which is 600 yds. N-E. of bazar; country and road as above. |
| | | BALASORE . 350 × 200 yds. p-o. t-a. b. | 11 | 76 | A town and old entrenchment; supplies on notice; plentiful good water from numerous wells within 400 yds. of C-G., which is on the old parade ground S-E. of town; country as above; road metalled and suitable for all arms; cross the Durabelling at 7 m., by ford in dry season, by ferry (1 large and 2 small boats) in the rains. |
| | | Total marches, 6 = 76 m. | | | |

Route No. 462.
FROM MIDNAPORE TO CHAIBASSA.
via DARIJULI, NARSINGAR AND GHATSILA.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presid. District, Fort William. | Collector of Midnapore, Midnapore. | RHANGAMORA 14,530 sq. yds. | 7½ | 7½ | A small village; supplies on notice; good water from the Kossai R., on waste land 4 m. N. of which, and near village, is site for C-G.; country level and cultivated with patches of jungle; road 18 ft. wide, metalled and bridged. |
| | | CHAUDRA . 14,520 sq. yds. b. | 5½ | 12½ | A village; supplies on notice; indifferent water for a bath, from tanks in village and wells in compound of b.; site for C-G. on roadside about a mile beyond the village; country undulating and cultivated; road as above. |

| ACTIVITIES. | | Nature of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | | Collector of Midnapore, Midnapore. | | | |
| | | BOITA 14,520 sq. yds. | 61 | 10 | A village; supplies on notice; good water from the Kossai R. on bank of which, 200 yds. E. of village, is site for C-G.; country flat and cultivated; road as before; cross the Kossai at 4½ m., by ford in dry season, by ferry (2 boats, each carrying 60 men) in the rains. |
| | | DAHJURI 14,520 sq. yds. p-o. | 42 | 231 | A large village; supplies on notice; plentiful good water from tanks on S. side of bazar and wells in village, S. of which, and on both sides of road, is site for C-G.; country and road as before. |
| | | PURIHATI 14,520 sq. yds. b. | 01 | 33 | A village; supplies on notice; good water from a well in b. compound, and from tanks ½ m. S-W. of village, on waste land 160 yds. W. of which is site for C-G.; country undulating, jungle and cultivation; road as above. |
| | | CHAKULIA 250 x 200 yds. p-o. | 11 | 44 | A large village; supplies on notice; plentiful good water from wells and tanks 250 yds. W. of C-G., which is 170 yds. N. of village; country open with rice cultivation; road, 16 ft. wide, neither metalled nor bridged, and unsuitable for artillery; cross the Dolang and the Kapan en route, by ford, no ferries. |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Singhbhum, Chhatisa. | NARSINGAR 200 x 200 yds. p-o, p-o. | 13 | 57 | A large village; supplies on notice; plentiful good water from a tank, and a well 180 yds. W. of C-G., which is 70 yds. E. of village; country and road as above; nullahs generally fordable. |
| | | GHATSILA 350 x 200 yds. p-o, p-o. | 6 | 63 | A large village; supplies on notice; good water from the Subanrika, S. of the village, 300 yds. N-W. of which is site for C-G.; country; road and nullahs as in last stage; cross the Kharati at 3 m., by ford in dry weather, by ferry (1 boat) in the rains. |
| | | CHANDERKHA 200 x 100 yds. | 9 | 72 | A small village near the Subanrika; supplies on notice; good water from the river 600 yds. E. of which is site for C-G.; country, road and nullahs as above. |
| | | BANGO 400 x 200 yds. | 7 | 79 | A small village; supplies on notice; good water from a stream 200 yds. S-W. of C-G., which is 600 yds. S. of village; country hilly; road and nullahs as before; cross the Subanrika soon after starting, by ford (near ry. bridge) in dry weather, by ferry (1 dog-out) in the rains, and a small range of hills by the Kaperadi pass towards end of stage. |
| | | JURI 250 x 200 yds. | 7 | 86 | A small village; supplies on notice; plentiful good water from streams and tanks 200 yds. S. of C-G., which is 250 yds. E. of village; country, road and nullahs as before; cross the Garura (fordable except after heavy rain) at 3 m., ferry, 1 boat. |
| | | GOHNDPUR 400 x 200 yds. | 7 | 93 | A village; supplies plentiful; abundant good water from streams S-W. of, and tanks 100 yds. N. of C-G., which is 180 yds. N. of village; country and nullahs as above; road 20 ft. wide, unmetalled, but fit for all arms. |
| | | BURHI 700 x 200 yds. | 7 | 100 | A small village; supplies on notice; plentiful good water from a stream and tank 50 yds. S. of C-G., which is 300 yds. S. of village; country, road and nullahs as above. |
| | | CHAIKASSA | 12 | 112 | See Route 222. |
| | | Total marches, 14 = 112 m. | | | Country, road and nullahs as before; cross the Khorkai (fordable except after heavy rain) at about 8 m. |

Route No. 462(a).
FROM MIDNAPORE TO CHAIKASSA.
via CHICHRA AND NARSINGAR.

| ACTIVITIES. | | Nature of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | | Collector of Midnapore, Midnapore. | | | |
| | | AMDOI 14,520 sq. yds. | 61 | 61 | NOTE.—Supplies are not so plentiful on this route as on No. 462. |
| | | CHANDA 14,520 sq. yds. | 61 | 122 | A village; supplies on notice; good water from the Kossai R. on bank of which, 200 yds. E. of village, is site for C-G.; country level and cultivated; road 14 ft. wide, metalled and bridged, except over the Kossai, crossed at end of stage, by ford in dry weather, by ferry (2 boats, each carrying 60 men) in the rains. |
| | | LOBASOLE 14,520 sq. yds. b. | 71 | 20 | A small village; supplies scarce; good water, for a battn., from wells in b. compound, and fair water from a tank 600 yds. from C-G., site for which is in fields ½ m. W. of village, on S. side of road; country undulating and jungle; road as above. From Lobasole a road branches off S-W. to Mahapal on the Subanrika, distant 9½ m. |
| | | AIKTAI 14,520 sq. yds. | 7 | 27 | A small village; supplies scarce; good water from wells and tanks ½ m. E. of C-G., site for which is in fields near village, and a mile E. of the Dolang Nadi, where good water may be obtained; country and road as above; cross one unbridged nullah, en route, always fordable except for a few hours in heavy floods. |
| | | CHICHRA 14,520 sq. yds. | 6 | 33 | A village; supplies on notice; good water from wells and fair water from tanks within ½ m. of C-G., site for which is on both sides of road near Darbel village; country level and cultivated; road as above, except at the Dolang, crossed at 1 m., by ford in dry season, by ferry (1 boat carrying 60 men) in the rains. |
| | | MAKORMANDIA 400 x 400 yds. | 6 | 39 | A small village; supplies on notice; plentiful good water from a large tank on N. edge of C-G., site for which is W. of and close to village; country as above; road, 14 ft. wide, unmetalled, but gravelled and good. |
| G. O. C. Presidency District, Fort William. | Collector of Singhbhum, Chhatisa. | NARSINGAR | 10 | 49 | Country and road as in last stage; streams fordable in dry season, small ferries in the rains, and nullahs only impassable when in flood. |
| | | GHATSILA | 6 | 61 | See Route 462. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner or Singhbhum, Chabassa. | CHANDERSKHA . | 0 | 78 | See Route 462 |
| | | BANGO . | 7 | 80 | |
| | | JURI . | 7 | 87 | |
| | | GOBINDPUR . | 7 | 94 | |
| | | BURHI . | 7 | 101 | |
| | | CHAI BASSA . | 12 | 113 | For other remarks see Route 221. |
| | | Total marches, 14 = 113 m. | | | |

Route No. 463.

FROM MIDNAPORE TO SAMBALPUR as far as DIHOBUDIHI (for remainder see Bombay Route Book No. 264),
via CHICHRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Midnapore, Midnapore. | AMDOI . | 0½ | 6½ | See Route 462 (a). |
| | | CHARDA . | 0½ | 12½ | |
| | | LODASOLE . | 7½ | 20 | |
| | | AIKTAL . | 7 | 27 | |
| | | QHICHRÁ . | 0 | 33 | |
| | By Commr. of Singhbhum, Chabassa. | KAMARARA 700 × 500 yds. | 12½ | 45½ | A village near left bank of the Subanrika; supplies on notice; good water from the river; C.G. 170 yds. S. of village; country level, open jungle; road 20 ft. wide, neither metalled nor bridged and unsuitable for artillery; pass Bhairagora at 9½ m. |
| | | PAHARPUR . 200 × 200 yds. | 0½ | 52 | A village; supplies on notice; indifferent and limited water from 2 wells in Gopinathpur village, ½ m. S. of which is site for C.G.; country and road as above; cross the Subanrika on starting, by ford in dry season, by ferry (6 small boats) in rains. |
| | | MAUBANDA 200 × 200 yds. | 14 | 66 | A small village; no supplies; indifferent and very limited water from the beds of nullahs S.W. of C.G., site for which is S. of and close to village; road, a mere track, impracticable for carts, ascending by a very steep gradient to the top of the Bisol Ghat, crossed about half-way. |
| | | NAOGAON . 200 × 200 yds. | 12 | 78 | A small village; no supplies; indifferent and limited water from a nullah near C.G., site for which is S. of and close to village; country as above; road metalled and good; pass Urjapalla at 0 and cross the Kailai (always fordable) at 9 m.; all nullahs ramped. |
| | | DHOBUDIHI . | 12 | 90 | A small village; abundant good water from the Koimbondona B. (branch of), ½ m. N.W. of which is site for C.G.; country as above; road good and easy; cross the Koimbondona at 9 m., by ford in dry season, by ferry in rains; nullahs fordable. |
| | | Total marches, 10 = 90 m. | | | |

Route No. 464.

FROM MIRZAPUR TO JAUNPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Mirzapur, Mirzapur. | NARGHAT . | 4 | 4 | See Route 84. |
| | | BHADOHI 280 × 160 yds. 280 × 160 yds. p-o. | 17½ | 21½ | A small town; supplies abundant; plentiful good water from wells in, and (for animals) from a tank near the 2 mango groves, close to Marjadpath, in which are site for C.G.; country level and cultivated; road raised, metalled and bridged; pass Chandlak at 4½, Aurai on the Grand Trunk Road at 8, Liladharpur at 12½ and Pura at 14 m. |
| | | RAMPUR p-o. | 6½ | 27½ | A fair-sized village; supplies procurable; plentiful good water from a well, and (for animals) from a tank near, C.G., small site for which is about ½ m. N.W. of village; country and road as above; cross the Burna Nadi at ½ m., by ford in dry season, by ferry (1 boat carrying 40 men) in the rains. |
| | | MARIAHU 83,810 sq. yds. p-o. | 9 | 36½ | A small town; supplies on notice; abundant good water from 2 masonry wells on, and (for animals) from a tank near, C.G., which is W. of road and ½ m. N. of village; country and road as above; pass Bhagwanpur at 8, cross the Bisuli nullah at 5½ and pass Seora at 7 m. |
| | | JAUNPUR . | 11 | 47½ | See Route 32. |
| | | Total marches, 5 = 47½ m. | | | Country and road as above; pass Pali at 4, cross the Sai at 6½, by a pile bridge in the cold season, by ferry (3 boats, each carrying 60 men, others on notice) in the rains, and pass Bahaspur at 8½ m. |

Route No. 465.
FROM MIRZAPUR TO JUBBULPORE:
via LALGANJ, THE KATRA PASS, AND MAIHAR.

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| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|---|--|--|-----------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Allahabad District, Allahabad. | Collector of Mirzapur, Mirzapur. | BHAGWAN TALAO 125,000 sq. yds. h. | 13 | 13 | A small village; supplies on notice; plentiful good water from a well on, and a tank W. of, C.G., which is on N-W. side of village; country partially cultivated; road raised, metalled and bridged; pass through the town of Mirzapur, then cross the ry., pass Litwa at 7, cross the Harnai stream and pass the village of the same name at 9 m., after which ascend the Tara Ghat to a table-land 350 ft. above the surrounding country. | |
| | | LALGANJ . . . | 8 | 21 | | Country fairly level and partly cultivated; road as above; pass Turi at 3 m. From Lalganj a road runs to Allahabad, distant 52½ m. |
| | | BARRAUNDA . . . | 7½ | 28½ | | |
| | | DRUMMONDGANJ (KATRA PASS.) . . . | 7½ | 36 | | |
| G. O. C. Nerbudda District, Jabulpore. | Tal. Aq., Rewah, Rewah. | HANUMANA . . . | 11 | 47 | See Route 33(a). | |
| | | MAUGANJ . . . | 15 | 62 | | |
| | | LOUR . . . | 12 | 74 | | |
| | | HANGAWAN . . . | 10 | 84 | | |
| G. O. C. Nerbudda District, Jabulpore. | Tal. Aq., Rewah, Rewah. | RAIPUR . . . | 7½ | 91½ | For other remarks see Route No. 33. | |
| | | BEWAH . . . | 10½ | 102½ | | |
| | | KATRA MOHARI . . . | 13½ | 116½ | | |
| | | AMARPATAN . . . | 14 | 120½ | | |
| G. O. C. Nerbudda District, Jabulpore. | Tal. Aq., Rewah, Rewah. | MAIHAR . . . | 14½ | 143½ | See Route 33. | |
| | | GUNWARA . . . | 12½ | 156½ | | |
| | | SUBAHGANJ . . . | 12½ | 169½ | | |
| | | | | | | |
| G. O. C. Nerbudda District, Jabulpore. | Deputy Commissioner of Jabulpore, Jabulpore. | KYLWARA . . . | 9 | 177½ | | |
| | | MURWARA . . . | 7½ | 185 | | |
| | | PIPRODE . . . | 8 | 193 | | |
| | | SLIMANABAD . . . | 5½ | 201½ | | |
| | | SIHORA . . . | 13½ | 216½ | | |
| | | GHOSULPUR . . . | 8 | 223½ | | |
| | | PANAGAR . . . | 9 | 232½ | | |
| | | JUBBULPORE . . . | 9 | 241½ | | |
| Total marches, 23 = 241½ m. | | | | | | |

Route No. 466.
FROM MOKOKCHUNG TO GELAKHEY.

| AUTHORITY. | | Name of stage and site of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner, Naga Hills District, Kohima. | MONGSEMMI b. | 15 | 16 | A village and military police outpost, elevation 4,400 ft.; supplies scanty; indifferent water (very limited in dry season) from a small spring close to post, round which is an open site for C.G.; country mountainous with cultivation and tree forests on slopes; road, a 5-ft. unmetalled bridle-path, ascending and descending alternately, ruling gradient 1 in 10; there is an extensive site for encampment on rolling grass land in the 12th mile, where a good stream of water runs. |
| | | SANTONG b. | 13 | 29 | A village, elevation 3,000 ft.; supplies scanty; good water (very limited in dry season) from a spring close to b, round which is a small site for C.G., covered with scrub-jungle; country, road and ruling gradient as above; pass Suau at 4 and Angnur at 8 m. At the foot of the hill, on which Santong stands, in the 11th m., is extensive site for encampment, plentiful good water being obtainable from a stream there. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Naga Hills District, Kohima. | MERANGKUNG b. | 8 | 26 | A village, elevation 3,988 ft.; supplies scanty; good water (very limited in dry season) from a small tank and spring close to b., round which is small site for C-G; country, road and ruling gradient as above; pass Lorian at 4 m. |
| | | TAMLU b. | 8 | 41 | A village and military police post, elevation 3,030 ft.; supplies scanty; good water (very limited in dry season) from a small tank and from springs some distance down the hill; site for C-G, for a battn., on cleared land round stockade; country, road and ruling gradient as above; pass a good site for encampment at 6 m. near Now Kanchang. |
| | | GELAKKEY . . . | 16½ | 60½ | See Route 286. |
| | | Total marches, 5 = 60½ m. | | | Country as above until the plains are reached at 10 m., thence jungle, but cultivated near Gelakkey; road and ruling gradient as above, but former level towards end of stage; pass Anaki (b.) at 8 m., then descend to the plains. |

Route No. 467.
FROM MOKOKCHUNG TO MORIANI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Naga Hills District, Kohima. | CHOLEMSEN b. | 20 | 20 | NOTE.—In case of a large force moving along this route suitable sites for encampment will be found in the 18th, 26th, 36th, and 41st miles. A village; supplies scanty; good water, but very limited in dry season, from springs below village; site for C-G, for 4 battn., close to b.; country hilly and chiefly jungle; road, an unmetalled but bridged 7-ft. bridle-path, ascending and descending all the way, ruling gradient 1 in 10; pass Khenra at 3 and Alibor at 8 m. A village; supplies as before; good water, but limited in dry season, from a spring below b., on open grassy land near which is extensive site for C-G; country, road and ruling gradient as above. A village in the plains; supplies procurable; good water, for a battn., from a well in, and a tank near, b. compound, close to which is open site for C-G; country and road as above, until the plains are reached at about 4 m., thence the road runs over low-lying grass, at first afterwards through open cultivated land, crossing several bridged streams en route. See Route 286. Country level and mostly under tea and rice cultivation; road unmetalled, general width 20 ft., and partially bridged; cross the Desol B. at end of stage. |
| | | LAKHU b. | 18 | 38 | |
| | | OHARALI b. | 16 | 48 | |
| | | MORIANI . . . | 7 | 55 | |
| | | Total marches, 4 = 56 m. | | | |

Route No. 468.
FROM MOKOKCHUNG TO WOKKA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Naga Hills District, Kohima. | NANKAN b. | 11½ | 11½ | A large village; supplies on notice; plentiful good water from a large spring close to a barrack, near which is spacious site for C-G, but it must be cleared; country hilly and much cultivated; road, a 6-ft. bridle-path, metalled and in good order, ruling gradient 1 in 10; at 1½ m. a bridle-path diverges E. to the large village of Longva, distant 11 m.; pass Angma at 8 m. A small village; supplies for a small party only; plentiful good water from two springs near a small barrack; site for C-G, which must be cleared, close to b.; country and road as above, but latter descends very steeply for first 2 m.; pass Mangrang at 6 m. A village; supplies limited; good water, for a battn., from a spring near a small barrack, land round which, if cleared, can be used for C-G; country and road as above; descend gently to the Dolang R. at 3½ m., crossing by a light iron bridge suitable for laden animals, but impassable for wheeled traffic; river unfordable from July to November and is always subject to heavy freshets; for the next 7 m., the gradient is about 1 in 6 and continues so up to Koyo village. See Route 303. Country to S. covered with heavy forests, to N., as before; road as above, but gradients easy. |
| | | NUNGTANG b. | 8 | 19½ | |
| | | KOYO b. | 10½ | 30 | |
| | | WOKKA . . . | 8 | 38 | |
| | | Total marches, 4 = 38 m. | | | |

FROM MONGHYR TO BIRPUR, on the Nepal Frontier.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | KHAGARIA . p-o. | 11 | 11 | A village; supplies on notice; good water, for a battn., from a well close to C-G., site for which is in a small mango grove $\frac{1}{2}$ m. E. of bazar and $\frac{1}{2}$ m. N. of the Bur Gandak, where animals might be watered; country low and subject to inundation; road unmetalled, but level and suitable for all arms; cross the Ganges soon after starting, and the Bur Gandak at end of stage, by ferry. |
| | | MATIHANI . 38,000 sq. yds. | 8 | 10 | A village; supplies on notice; fair water from the Kamla R.; C-G. on N. side of village; country cultivated and jungly; road, 12 ft. wide, unmetalled and unfit for artillery; cross the Kamla at 5 m., by ferry, 2 boats, each carrying 100 mds. |
| | | BAKHTIARPUR . 15,000 sq. yds. p-o. b. | 10 | 20 | A village; supplies on notice; fair water, for a battn., from a well in b. compound, on W. edge of C-G., site for which is in a mango grove on E. border of village; country and road as above. |
| | Collector of Bhagalpur, Bhagalpur. | BULHAR . 13,500 sq. yds. | 10 | 30 | A village; supplies on notice; fair but limited water from a well 200 yds. S. of C-G., which is in a mango grove $\frac{1}{2}$ m. W. of village; country and road as above. |
| | | SEIOL . 13,300 sq. yds. | 9 | 48 | A village; supplies must be collected; good but limited water from a well on C-G., site for which is in a grove on S. edge of village; country cultivated, flat and open; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged. |
| | | PARSARMA . 15,200 sq. yds. | 7 | 55 | A village; supplies on notice; good but limited water from a well in b. compound 100 yds. W. of C-G., which is in a mango grove on E. edge of village; country, road and nullahs as above. |
| | | SUPAUL . | 8 | 63 | See Route 178. Country, road and nullahs as before. |
| | | PIPRA-BAZAR . | 13 | 76 | } See Route 182. For other remarks see Route 177. |
| | | PARTABGANJ . | 15 | 91 | |
| | | BAIUA . | 9 | 100 | } See Route 177. |
| | | BIRPUR . | 8 | 108 | |
| | | Total marches, 11 = 108 $\frac{1}{2}$ m. | | | |

Route No. 470.

FROM MONGHYR TO DARBHANGA.

via ROSERHA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | BALLIA . 705 \times 430 yds. p-o. | 10 | 10 | A village; supplies on notice; good water from wells all round C-G., which is N. of road; country level and open; road unmetalled, but fair; cross the Ganges at Rajhat, on starting, by a steam ferry and 12 country boats carrying 20 men each. |
| | | SISAUNI . 450 \times 230 yds. | 8 | 18 | A bazar and indigo factory; supplies on notice; good water from wells and the Bur Gandak, close to which is C-G.; country low and subject to inundation; road unmetalled, but fairly good in dry season; cross the Bur Gandak, towards end of stage, by ferry, 1 boat carrying 50 men. |
| | | MAJHAUL . 600 \times 450 yds. | 12 | 30 | A bazar and indigo factory; supplies on notice; good water from wells in vicinity of C-G., which is close to the factory; country and road as above; nullah strongly bridged. |
| | | BARIARPUR . 450 \times 350 yds. | 12 | 42 | A bazar near the Bur Gandak; supplies on notice; good water from wells in vicinity of C-G., which is near bazar; country and road as above. |
| | | ROSERHA . p-o. t-o. | 5 | 47 | A large town; supplies abundant; plentiful good water from wells and tanks in vicinity of C-G., a good spacious site for which is 500 yds. E. of town; country and road as above. From Roserha a road runs S-W. to Dalsingh-Sarai, 12 m., on Route 470(a). |
| | Collector of East Tirhoot, Darbhanga. | HATHAURI . 150 \times 90 yds. | 14 | 61 | A village and indigo factory; supplies on notice; good but limited water from a well 30 yds. S-W. of C-G., site for which is 200 yds. E. of village; country and road as above; pass Gahur at 12 m. |
| | | UNAR . 120 \times 100 yds. | 8 | 69 | A small village; supplies on notice; good but limited water from 3 wells 30 yds. N. of C-G., site for which is in a grove of trees 1 m. S. of Unar indigo factory; country and road as above. |
| | | DARBHANGA . | 10 | 79 | See Route 216. |
| | | Total marches, 8 = 79 m. | | | Country and road as above. There are two other roads from Roserha to Darbhanga, one <i>via</i> Madhusani and the other <i>via</i> Nagarbasti. |

Route No. 470(a).
FROM MONGHYR TO DARBHANGA.
via DALSINGH-SARAI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G.O.C. Presidency District, Fort William. | Collector of Non-Ghaz, Monghyr. | BALLIA . . . | 10 | 10 | See Route 470. |
| | | BEGU-SARAI p-o t-s. | 13 | 23 | A town; supplies procurable; good water from wells in vicinity of town, in fields near which is extensive site for C-G.; country partially cultivated; road as above. |
| | | TEGRA . . . | 14 | 30 | A large village; supplies on notice; good but limited water from wells; extensive site for C-G. in fields near village; country and road as above; pass Gadhia at 7 m. There is another road from Begu-Sarai to Tegra, running close to the Ganges, passing Barauni r-s. at 10 m. |
| | | DALSINGH-SARAI 120 x 100 yds. p-o r-s. | 15 | 51 | A town near the Balan Nadi; supplies abundant; plentiful good water from 3 wells within 500 yds. of C-G., site for which is in a grove 1 m. W. of bazar and on bank of the nadi, where animals might be watered; country as above; road unmetalled, but raised and bridged; cross the Balan at end of stage. |
| G. O. C. Allahabad District, Allahabad. | Collector of East Trihoat, Darbhanga. | NAGARBASTI 140 x 100 yds p-o. | 14 | 65 | A village; supplies on notice; good water, for a battn., from 2 wells near C-G., site for which is adjoining village and about 600 yds. N. of the Bur Gandak, where animals might be watered; country and road as above; cross the Bur Gandak at end of stage, by ferry, 1 boat (others on notice). |
| | | BILASPUR 100 x 100 yds. | 13 | 77 | A small village; supplies on notice; good water, for a battn., from 8 wells within 100 yds. of, and (for animals) from a tank adjoining, C-G., site for which is in a grove of trees in centre of village; country and road as above; cross the Begmati at end of stage; boats procurable on notice. |
| | | DARBHANGA . . . | 11 | 88 | See Route 210. |
| | | Total marches, 7 = 88 m. | | | Country and road as above, but last 4 m. of latter raised, metalled and bridged; cross the Kanni soon after starting, by ferry, boats obtainable on notice. |

Route No. 471.
FROM MONGHYR TO GAYA.
via SURAJGARH, AND WAZIRGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | BAHAWA . . . | 11 | 11 | For other remarks see Route 210. See Route 214. |
| | | SURAJGARH . . . | 9 | 20 | |
| | | LAKHISARAI . . . | 10 | 30 | |
| | | SHAIKHUPURA p-o t-s. | 15 | 45 | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | WARISALIGANJ . . . | 16 | 61 | A village; supplies on notice; good water, for 2 battns., from a well in b. compound, in a small mango grove near which and 1 m. S. of village is site for C-G., country level, open and fairly cultivated; road neither metalled nor bridged; cross the Butaya soon after starting, and the Toli at 10 m., by ford except after heavy rain; a small boat at each stream. |
| | | NAWADAH . . . | 12 | 73 | Country as above; road as before as far as the Sakri (a small boat here), crossed at 7 1/2 m., by ford, except after heavy rain, thence bridged. |
| | | HASWA . . . | 9 | 82 | |
| | | WAZIRGANJ . . . | 12 | 94 | See Route 118. |
| | | BODHGERA . . . | 11 | 105 | For other remarks see Route 51. |
| | | GAYA . . . | 7 | 112 | |
| | | Total marches, 10 = 112 m. | | | |

Route No. 472.
FROM MONGHYR TO HAZARIBAGH.
via CHAKAI, KHARAGDIHA, GIRIDIH AND BAGODAH.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | HAIBATGANJ . . . | 13 | 13 | A village; supplies on notice; good water from wells in and near village; C-G. in fields, extent unlimited; country well cultivated; road unmetalled, but strongly bridged and fit for all arms. |
| | | ALINAGAR . . . | 8 | 20 | A village; supplies on notice; good water from wells in a near village, in fields in vicinity of which is extensive site for C-G.; country and road as above. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|------------------|-------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | BALARAMPUR 600 × 600 yds. | 12 | 32 | A small village; supplies on notice; good water from a well, and from the Kiul stream, about $\frac{1}{2}$ m. from which, and on left of road, is C-G.; country and road as above; cross the Kiul en route, fordable in dry season. |
| | | JAMUI p-o. t-s. r.e. | 12 | 41 | |
| | | MANGUBANDA 230 × 60 yds. | 9 | 53 | |
| | | BETYA . . . | 13 | 65 | |
| | | CHAKAJ . . . | 10 | 76 | |
| | Deputy Commissioner of Hazaribagh, Hazaribagh. | CHUTRO . . . | 11 | 80 | A large village; supplies on notice; good water from wells near C-G., site for which is in fields close to a small tank, the water in which is unfit for drinking; country and road as above. The r.s. is about 5 m. N-E. of the village. |
| | | KHARAGDIHA . . . | 6 $\frac{1}{2}$ | 92 $\frac{1}{2}$ | |
| | | CHAKGARHA . . . | 12 | 104 $\frac{1}{2}$ | A large village; supplies on notice; good water from the Barna Nadi, on bank of which is site for C-G.; country and road as above; cross the Kiul (fordable except after heavy rain) at about 4 m. |
| | | GIRIDIH . . . | 14 | 118 $\frac{1}{2}$ | |
| | | PIRTAND . . . | 14 $\frac{1}{2}$ | 133 $\frac{1}{2}$ | A small village; no supplies; plentiful good water from a small stream, on banks of which is site for C-G.; country somewhat jungly; road as before, but unbridged; streams fordable, except immediately after very heavy rain. |
| | | DUMRI . . . | 12 $\frac{1}{2}$ | 145 | |
| | | BAGODAR . . . | 11 $\frac{1}{2}$ | 156 $\frac{1}{2}$ | Country, road and streams as in last stage. See Route 113. |
| | | BHELWARA . . . | 9 $\frac{1}{2}$ | 166 $\frac{1}{2}$ | |
| | | HURLI . . . | 11 | 177 $\frac{1}{2}$ | See Route 114. |
| | | HAZARIBAGH . . . | 11 $\frac{1}{2}$ | 189 $\frac{1}{2}$ | |
| | | Total marches, 17 = 189 $\frac{1}{2}$ m. | | | For other remarks see Route 111 (a). See Route 266. |
| | | | | | See Route 114(a). For other remarks see Route 111. |

Route No. 473.
FROM MONGHYR TO MADHUBANI.
via ROSERHA AND BAHERA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | BALLIA . . . | 10 | 10 | See Route 470. |
| | | SISAUNI . . . | 8 | 18 | |
| | | MAJHOUL . . . | 12 | 30 | |
| | | BARIARPUR . . . | 12 | 42 | |
| | | ROSERHA . . . | 6 | 47 | |
| | Collector of East Tirhoot, Darbhanga. | GAIRAH . . . | 10 | 57 | A large village; supplies on notice; good water, for a battn., from 2 wells on W. side of C-G., site for which is in a large grove, 60 yds. S-W. of village and near a tank, where animals might be watered; country open and cultivated, liable to inundation; road unmetalled but raised and partially bridged. |
| | | KARARI 120 × 100 yds. | 6 | 63 | |
| | | BAHERA 130 × 160 yds. p-o. | 10 | 73 | |
| | | PANDAUL p-o. t-s. | 12 | 85 | |
| | | MADHUBANI 200 × 130 yds. p-o. t-s. | 8 | 93 | |
| G. O. C. Allahabad District, Allahabad. | Collector of East Tirhoot, Darbhanga. | Total marches, 10 = 93 m. | | | A small village; supplies on notice; good water from the Karni; site for C-G. in a grove $\frac{1}{2}$ m. W. of village; country and road as above; cross the Karni at end of stage, by ferry, 1 boat carrying 80 men. A village; supplies on notice; good water from 2 wells on C-G., site for which is in a grove 80 yds. S-E. of village, and near 2 tanks, where animals may be watered; country and road as above; cross the Karni E. en route, by ferry. Roads branch off from Bahera to Darbhanga, 20 m., Pipra Ghat, 14 m., and Mohdipur, 21 m. A large indigo factory and bazar; supplies on notice; water from a well, and (for animals) from a tank S. of and near C-G., site for which is in a small grove $\frac{1}{2}$ m. N-E. of factory; country and road as above. A small civil stn.; supplies procurable; good water from a well and a tank E. of and close to C-G., site for which is in a mango grove 150 yds. W. of road and village; country and road as above; pass Bahera at 3 $\frac{1}{2}$ m. From Madhubani a road runs S-W. to Darbhanga, distant 20 $\frac{1}{2}$ m., and several others to the Nepal frontier. |
| | | | | | |

Route No. 474.
FROM MONGHYR TO MUZAFFARPUR.
via DALSINGH-SARAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--|--|---|----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presy. Dist., Fort William | Collector of West Tirhoot, East Tirhoot, Monghyr, Muzaffarpur, Darbhanga, Monghyr. | BALLIA . . . | 10 | 10 | See Route 470. |
| | | BEGU-SARAI . . . | 12 | 22 | See Route 470(a). |
| | | TEGRA . . . | 14 | 36 | |
| | | DALSINGH-SARAI . . . | 15 | 51 | A village; supplies on notice; good water, for a battn., from 8 wells, and (for animals) from a tank in vicinity of G-G., site for which is at N-E. corner of village; country and road as in last stage; nullahs bridged |
| G. O. C. Allahabad District, Allahabad. | Collector of West Tirhoot, East Tirhoot, Monghyr, Muzaffarpur, Darbhanga, Monghyr. | TAJPUR 180 x 100 yds. p-o | 16 | 67 | |
| | | MUHAMMADPUR . 150 x 80 yds | 14½ | 81½ | |
| | | MUZAFFARPUR . . . | 11 | 92½ | |
| | | Total marches, 7 = 82½ m. | | | See Route 157. Country and road as above. |

Route No. 475.
FROM MONGHYR TO PURULIA.
via CHAKAI, SERAMPUR AND GOBINDPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|--|---|----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Monghyr, Monghyr. | HAIBATGANJ . . . | 12 | 12 | See Route 472 |
| | | ALINAGAR . . . | 8 | 20 | |
| | | BALARAMPUR . . . | 12 | 32 | |
| | | JANUI . . . | 12 | 44 | |
| | | MANGUBANDA . . . | 9 | 63 | |
| | | BETTA . . . | 12 | 65 | |
| | Deputy Commissioner of Hazaribagh, Hazaribagh. | CHAKAI . . . | 10 | 75 | For other remarks see Route 118 |
| | | KHURCHUTA . . . | 14 | 89 | |
| | | SUGGASAR . . . | 10 | 99 | |
| | | SERAMPUR . . . | 12 | 111 | |
| | Sub-Divisional Officer of Gobindpur, Gobindpur. | TUNDI . 80,000 sq. yds p-o | 12 | 123 | A large village; supplies on notice; good water, for a battn., from wells and tanks within a short distance S. of C-G., small site for which is ½ m. S. of village; country undulating and jungly; road, 20 ft. wide, unmetalled, fair in dry season, but bad in rains; no bridges, but nullahs ramped and fordable except after heavy rain. |
| | | GOBINDPUR . . . | 12 | 185 | |
| | | BALIAPUR . p-o. | 8 | 143 | |
| | | CHILLIAMA 20,000 sq. yds | 8 | 161 | |
| | Deputy Commissioner of Manbham, Purulia. | DUBRA . . . | 6 | 167 | A large village; supplies plentiful on notice; good water from tanks ½ m. S. and E. of village, S. of which, and on a high embankment, is site for C-G., country undulating, cultivated, with patches of jungle; road, 16 ft. wide, metalled, and suitable for artillery; crosses a small stream (generally fordable) at 1 and the Damoda R (660 yds. wide, sandy bed, low and well defined banks) at 6 m. by ford except in rains, when there is a ferry, 1 boat holding 12 men. |
| | | KATRA 20,000 sq. yds. | 11 | 168 | |
| | | PURULIA . . . | 9 | 177 | |
| | | Total marches, 17 = 177 m. | | | |

Route No. 476.
FROM MONTGOMERY TO JHANG.
via HARAPPA.

297

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Pindi. | Dy. Commr. of Montgomery, Jhang. | HARAPPA . . . | 15 | 15 | See Route 268. Country covered with jungle; road unmetalled, but good and practicable for carts. Country only very partially cultivated; road as before, but nullahs bridged; cross the Ravi at 2 m. by ferry. See Route 340. For other remarks see Route 289. |
| | | KAMALIA . . . | 15 | 30 | |
| | | RAJANA . . . | 11 | 41 | |
| | | TOBA TEK SINGH . . . | 10 | 51 | |
| | | RORANWALI . . . | 11 | 63 | |
| G. O. C. Rawal Pindi. | Dy. Commr. of Jhang. | JHANG . . . | 14 | 76 | |
| | | Total marches, 6 = 76 m. | | | |

Route No. 476(a).
FROM MONTGOMERY TO JHANG.
via GUGERA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Pindi. | Dy. Commr. of Montgomery, Jhang. | KAURA SHAH . . . | 10 | 10 | See Route 257. See Route 300. |
| | | AKBAR . . . | 10 | 20 | |
| | | GUGERA . . . | 6 | 26 | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Jhang, Jhang. | BALAK . . . 220 x 150 yds. | 7 | 33 | A village; supplies on notice; plentiful good water from wells close to C-G., which is near village; country barren; road unmetalled, but bridged and suitable for all arms; cross the Ravi by ferry at 4½ m. A small village; supplies scarce; good water from the canal 1½ m. from village, S-E. of and close to which is site for C-G.; country and road as before. A very small hamlet; supplies scarce; good water from a canal, 160 yds. from which is C-G.; country and road as before. A small village; supplies scarce; good water from the canal, 60 yds. from which is C-G.; country and road as above, but heavy and sandy. See Route 289. Country and road as before. |
| | | SAMUNDRI . . . 300 x 300 yds. | 13½ | 46½ | |
| | | GHAEMI . . . 310 x 300 yds. | 17½ | 64 | |
| | | BHURALA . . . 300 x 300 yds. | 9 | 73 | |
| | | JHANG . . . | 11½ | 84½ | |
| | | Total marches, 8 = 84½ m. | | | |

Route No. 477.
FROM MOOLTAN TO AHMADPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meera Pindi. | Dy. Commr. of Meera Pindi. | ADHI BAGH . . . 11,680 sq. yds. | 12 | 12 | A village about 6 m. E. of the Chenab; supplies on notice; abundant good water from wells; good site for C-G. E. of road; country well cultivated; road unmetalled, but in good condition; nullahs bridged. A small town; supplies on notice; abundant good water from wells; good site for C-G. W. of road and S. of town; country and road as above. From Shujabad a road branches off S-E. to Lodhran, distant about 32 m. A village; supplies on notice; abundant good water from wells; limited site for C-G. on W. of road and 2 m. before reaching village; country jungle with very little cultivation; road as above. A small town; supplies abundant; plentiful good water from wells close to C-G., limited site for which is W. of road; country covered with jungle and sometimes liable to inundation; road as above. From Jalalpur a road branches off E. to Lodhran (on Route 478), distant 27 m. A small village; supplies on notice; abundant good water from wells; limited site for C-G. near village; country and road as above; about 2 m. from Pahladpur the road during the rains is inundated. A village; supplies on notice; good water from 8 wells near C-G., good site for which is on a plain near road and 2 m. N. of village; country jungle and cultivation alternately; road, a mere track; canals bridged; cross the Sutlej soon after starting, by a ferry. See Route 382. Country cultivated; road as above. |
| | | SHUJABAD . . . 12,045 sq. yds. p-o. l-s. r-s. b. | 11½ | 23½ | |
| | | GAWEN . . . | 13 | 36½ | |
| | | JALALPUR . . . p-o. | 16 | 51½ | |
| | | PAHLADPUR GHAT . . . | 6½ | 58½ | |
| Bahawalpur Territory. | Pst. Agt. at Bahawalpur. | MALKANI BASTI . . . 356 x 250 yds. | 10 | 68½ | |
| | | AHMADPUR . . . | 11 | 79½ | |
| | | Total marches, 7 = 77½ m. | | | |

Route No. 478.
FROM MOOLTAN TO BAHAWALPUR.
via LODHRAN.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS | |
|-----------------------|--------------------------------------|---|---|-------|---------|---|
| Military. | Civil. | | Miles. | Total | | |
| Bahawalpur Territory. | G. O. C. Lahore District, Meen Meer. | Deputy Commissioner of Mooltan, Bahawalpur. | LAR 19,680 sq. yds. | 12½ | 12½ | A small village; supplies on notice; plentiful water from wells near C-G., site for which is E. of road; country generally jungle, with cultivation near villages; road unmetalled, but in good condition; pass Gopalpur at 9 m. |
| | | | RASTI-MALUK 60,680 sq. yds. p-o. b. | 11 | 23½ | A small village; supplies on notice; plentiful good water from wells; C-G. E. of road; country and road as above; pass Kadarpur at 6 m. |
| | | | ALI ASSAR 43,880 sq. yds. | 12½ | 86 | A village; supplies on notice; good water from a well in village, 30 yds. from which, and E. of road, is C-G.; country and road as above, but latter heavy for the last 2 m.; cross the old bed of the Beas en route; during the rains it is sometimes necessary to make a slight detour to cross this. |
| | | | LODHRAN 14,070 sq. yds. p-o. r-s. | 10½ | 46½ | A small town; supplies plentiful; abundant good water from wells near C-G., site for which is E. of road; country partially cultivated near the road, otherwise jungle; road heavy in places, but practicable for carts; pass Sumra at 6 m. From Lodhran road branch off, E. to Kharor (p-o), distant about 18 m., and W. to Jalaipur (on Route 477), distant 37 m. |
| | | | ADAMWAPAN 10,680 sq. yds. p-o. r-s. | 4½ | 51 | A small village near right bank of the Sutlej; supplies must be collected; abundant but indifferent water from a well; site for C-G. E. of road; country covered with jungle; road as in last stage. |
| | | | BAHAWALPUR | 6 | 57 | See Route 122 |
| | | Total marches, 0 = 57 m. | | | | Country as before, except near town; road unmetalled and very heavy near the Sutlej; cross the Sutlej at about 2 m., by ry. bridge, and by ferry, 2 boats carrying 100 men each. |

Route No. 479.
FROM MOOLTAN TO DERA GHAZI KHAN.
via MUZAFFARGARH.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Lahore District, Meen Meer. | Dr. Commr. of Mooltan, Bahawalpur. | SHER SHAH . 98,070 sq. yds. p-o. r-s. | 9 | 9 | A large village; supplies on notice; plentiful good water from wells close to C-G., which is N. of road; country fairly cultivated; road unmetalled, but good. |
| | | MUZAFFARGARH 215 x 215 yds. p-o. l-s. r-s. b. | 10 | 19 | A small civil stn.; supplies abundant; plentiful good water from a well on C-G., which is N. of road and N-W. of stn.; country as above; road good; cross the Chenab R. by the ry. bridge at about 8 m. |
| | | KURATSIH . 200 x 200 yds. p-o. b. | 14 | 33 | A small village; supplies on notice; abundant good water from wells; C-G. good, close to police stn.; country sandy and partially cultivated; road good up to Basirn, 8 m., thence heavy. |
| | | GHAZI GHAT 620 x 80 yds. p-o. r-s. | 5½ | 38½ | No village near; supplies can be collected; water from the Indus, on left bank of which is C-G.; country partially cultivated; road unmetalled but good; nullahs bridged except the Dinga and Chibita creeks which can be crossed by boats during hot weather. |
| | | DERA GHAZI KHAN. | 8½ | 47½ | See Route 199. Country subject to inundation; road, a track about 30 ft. wide over heavy sand, improved by layers of straw; this class of road extends for about 6 m. until the main channel of the Indus is reached, usual width about 1,200 yds, which is crossed by a bridge-of-boats in winter; in summer the whole of the country near the river is under water, and the crossing must be made by steamer or boat; the last 2 m. of the road is 80 ft. wide, and metalled. |
| G. O. C. Punjab-Frontier Force, Abbottabad. | Dr. Commr. of Dera Ghazi Khan. | Total marches, 5 = 47½ m. | | | NOTE.—For Indus ferries see remarks on page (1). |

Route No. 480.
FROM MOOLTAN TO DERA ISMAIL KHAN.
via BHUKI, DAERADIN-PANAH AND BHAKKAR.

| AUTHORITIES | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS |
|--------------------------------------|---|--|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Lahore District, Meen Meer. | Dr. Commissioner of Muzaffargarh, Muzaffargarh. | LANGAR 48,400 sq. yds. b. | 11 | 11 | A small village; supplies on notice; forage scarce; abundant good water from wells in vicinity of C-G., which is near village; country sandy, but fairly cultivated; road, 20 ft. wide, unmetalled and indifferent; cross the Chenab at Rayghat at 4½ m., by ferry. The Shahpur-Muzaffargarh road passes through Langar. |
| | | MIRWALI | 8½ | 19½ | A very small village; supplies must be collected; plentiful water from a well near C-G., small site for which is W. of and close to village; country generally barren; road unmetalled, sandy and heavy, but bridged and passable for all arms. |
| | | BHUKI | 8½ | 28 | A small village; supplies must be collected; plentiful good water from a well E. of C-G., small site for which is N. of village; country and road as above. |
| | | KOT-ADU | 11 | 39 | Country scantily cultivated; road fair; nullah bridged. |
| | | DAERADIN-PANAH. | 7 | 46 | See Route 199. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commissioner of Dera Ismail Khan, Dera Ismail Khan. | KOT-SULTAN | 14½ | 00½ | See Route 190. For other remarks see Route 234. |
| | | LEIAH | 12 | 72½ | |
| | | DORATTA (DORCHARKA) | 7 | 79½ | |
| | | KAROR | 11½ | 90½ | |
| | | JHARKAL | 8 | 98½ | |
| | | NOTAK | 0 | 107½ | |
| | | BHAKKAR | 11 | 118½ | |
| | | LAK | 13 | 131½ | |
| | | DERA ISMAIL KHAN. | 7 | 138½ | |
| | | Total marches, 14=138½ m. | | | |

Route No. 480(a).
FROM MOOLTAN TO DERA ISMAIL KHAN.
via MUNDA, FATEHPUR, MANKERA AND BHAKKAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mian Meer. | Dy. Commissioner of Multan District, Multan. | MISSI PIPLI 73,600 sq. yds. | 8 | 8 | NOTE.—There is no direct road, only a narrow foot-path through the desert, formerly seldom used and now entirely forsaken, owing to the opening of the Sind-Sagar State Ry. and the bridging of the Chenab R. A small village; supplies on notice; plentiful good water from a well E. of and close to C-G., site for which is near village; country sandy and partially cultivated; road neither metalled nor bridged and unsuitable for wheeled traffic; crosses the Chenab about half-way by ferry of 6 large boats. A small village; supplies on notice; good but limited water from a well about 50 yds. E. of C-G., site for which is E. of road and S. of village; country covered with jungle and low sand hills; road as before. A small village; supplies on notice; plentiful good water from a well W. of C-G., site for which is E. of village and road; country and road as before. Two wells, from which there is good water for a bath; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country desert; road heavy and impracticable for carts. A small village; no supplies; abundant good water from wells in the vicinity; site for C-G. on waste land near village; country and road as above. Two wells, from which there is good water for a bath; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country and road as before. A village; supplies on notice; water indifferent; site for C-G. on open ground near village; country and road as above. A well out of use, now abandoned; supplies on one month's notice; plentiful good water from wells about 2 m. to the E. and S. of the well; country and road as above. Place unfit for the accommodation of troops at present. Country and road as before. See Route 350. For other remarks see Route 350. See Route 190. For other remarks see Route 234. |
| | | NUNARI | 5½ | 13½ | |
| | | MUNDA pro. | 17 | 30½ | |
| | | GOHAR & SIPAHI-WALA. | 12½ | 43 | |
| | | GHINI | 7½ | 50½ | |
| | | KILARRI & GOLA | 14½ | 65 | |
| | | FATEHPUR | 7½ | 72½ | |
| | | WAN WELL | 12½ | 84½ | |
| | | MANKERA | 7½ | 92½ | |
| | | WELL KISHNA | 14½ | 107 | |
| G. O. C. P. Frontier Force, Abbottabad. | Dy. Commissioner of Dera Ismail Khan, Dera Ismail Khan. | BHAKKAR | 14½ | 121½ | |
| | | LAK | 13 | 134½ | |
| | | DERA ISMAIL KHAN. | 7 | 141½ | |
| | | Total marches, 13=141½ m. | | | |

Route No. 481.
FROM MOOLTAN TO JHANG.
via MAITHAL AND SHORKOT.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mian Meer. | Dy. Commr. of Multan, Multan. | AMKHAAS | 4 | 4 | NOTE.—This route is preferable to 480 (a) as the country passed through on that route is, for the most part of the way, a dreary jungle and supplies are difficult to obtain. See Route 258. A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is on both sides of road; country well cultivated; road unmetalled, but good; leave the Lahore-Ferozapore road at 2 m. A few scattered houses on W. of road; supplies on notice; plentiful good water from a well close to C-G., site for which is near houses; country and road as above. |
| | | MAITHAL | 12½ | 16½ | |
| | | NARAL | 14½ | 30½ | |

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE | | REMARKS. |
|---|--------------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhang, Jhang. | LALERI 400 × 800 yds. p. b. | 9½ | 40½ | A small village; supplies scarce; good water, from a well near C-G, which is N-E. of village, country and road as above; pass Fazal Shah at 8½ m. and cross the Ravi near end of stage, by ferry; the river is generally fordable near the ferry. |
| | | BASTI ISLAM | 18 | 58½ | A small village; supplies scarce; good water, from a well near C-G, small site for which is N-W. of village; country cultivated at first, afterwards covered with jungle; road, 45 ft. wide, unmetalled, but suitable for all arms. |
| | | SHORKOT 400 × 400 yds. p-o. b. | 8½ | 67½ | A small old town on a mound, with the ruins of a fort on another close by; supplies plentiful; good water, from a well W. of C-G, which is E. of town; country chiefly jungle; road as above, but difficult after heavy rain. |
| | | KAIM 420 × 410 yds. | 10½ | 78½ | A village; supplies on notice; plentiful good water from 2 wells N. of C-G, which is W. of village; country, for first 7 m, a barren waste, thence low and covered with grass-jungle; road as above. |
| | | KADIMI 840 × 380 yds. | 11½ | 90½ | A small village; supplies scarce; good water, from a well about 150 yds. E. of C-G, which is W. of village; country and road as above. |
| | | JHANG | 10½ | 101½ | See Route 239. |
| | | Total marches, 9 = 94½ m. | | | Country and road as before |

Route No. 481(a).
FROM MOOLTAN TO JHANG.
via SARAI-SIDHU AND SHORKOT.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meen Meer. | Deputy Commissioner of Mooltan, Mooltan. | AMKHAAS | 4 | 4 | North.—This route is not usually used by troops. See Route 258. |
| | | KADARPUR BAO | 12 | 16 | |
| | | KABIRWALA | 14 | 30 | |
| | | SARAI-SIDHU 165,640 sq. yds. p-o. b. | 14 | 44 | A small town; supplies on notice; plentiful good water from wells near C-G, which is E. of road; country as in last stage; road unmetalled, but good and suitable for wheeled traffic; canal bridged. |
| | | KORANGA 120,160 sq. yds. | 5½ | 49½ | A village; supplies on notice; forage plentiful abundant water from wells near C-G, which is W. of road; country barren at first, afterwards cultivated; road as above; cross the Ravi at about 2 m, by ferry. |
| | | SHORKOT | 13½ | 62½ | Country chiefly covered with jungle; road, 45 ft. wide, unmetalled and very difficult after heavy rain; cross the Ravi Nadi (bridged) at 2, and join the road from Mooltan via Multal at 11½ m. |
| | | KAIM | 10½ | 78 | See Route 481. |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Jhang, Jhang. | KADIMI | 11½ | 91½ | |
| | | JHANG | 10½ | 102½ | For other remarks see Route 259. |
| | | Total marches, 9 = 95½ m. | | | |

Route No. 482.
FROM MOOLTAN TO MAILSI.

| AUTHORITIES | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS |
|--------------------------------------|--|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meen Meer. | Deputy Commissioner of Mooltan, Mooltan. | MAKHIDUM RASHID | 16 | 16 | See Route 258 (b). |
| | | TIDBA | 14 | 30 | |
| | | MAHINI | 8 | 38 | |
| | | MAILSI p-o. | 12 | 50 | A small village; supplies procurable; plentiful good water from wells close to C-G, site for which is on open ground near village; country, jungle and sparse cultivation; road unmetalled, but in good condition; leave the Perozo-pore road at Tidba. |
| | | Total marches, 4 = 50 m. | | | A moderate-sized village; supplies on notice; plentiful good water from wells; good site for small C-G close to village; country and road as above. |

Route No. 483.
FROM MORADABAD TO ALMORA.
via KALADHUNGI AND RANIBAGH.

| AUTHORITIES. | | Names of stages and size of encamping ground s. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Moradabad, Moradabad. Dr. Commr. of Naini Tal, Naini Tal. Dr. Commr. of Kumaon, Almora. | From the Church to MANPUR . . . 10,100 sq. yds. p-o. | 12½ | 12½ | A small village; supplies on notice; plentiful good water from 2 wells on C-G., site for which is E. of road and near village; country flat and cultivated; road, 80 ft. wide, metalled and partially bridged, suitable for all arms; enter Moradabad town at ½, leave it at 2½ and cross the Ramganga R. at 2½ m. by bridge-of-boats in dry season, by ferry (11 boats, each holding 20 men) in the rains. |
| | | DURHIAL . . . | 10½ | 23½ | A large village near right bank of the Koela; supplies on notice; good water from the river, on right bank of which is small site for C-G., where there are 2 good wells; country and road as above; cross the Naachna at 1, and the Bah at 3 m., by strong bridges. |
| | | SAFA KHANA . . . | 10½ | 34½ | See Route 91 (a). Country and road as above; cross the Koela on starting, by ford in dry season, by ferry (4 boats, each carrying 100 men) in the rains. |
| | | KALADHUNGI 800×250 yds. p-o. | 16½ | 49½ | A small village at the foot of the hills; supplies on notice; good water from a canal close to C-G., which is near village; country, the Terai; road as above; from here there is a direct riding road to Naini Tal, distant 14½ m. |
| | | PIPAL POKRI. 175×175 yds. | 7 | 56½ | A halting place; supplies on notice; plentiful good water from a canal, N. of which, and in a cleared hollow in the forest on left of road, is site for C-G.; country level and partially cultivated; road, about 80 ft. wide, bridged and passable for all arms. |
| | | RANIBAGH . . . | 9 | 65½ | Country cultivated and well watered, slightly hilly towards end of march; road good and bridged; join the road from Bareilly at 5 m. |
| | | BHIM TAL . . . | 7 | 72½ | |
| | | RAMGARH . . . | 10 | 82½ | See Route 86. For other remarks see Route 43 (a). |
| | | PEOARA . . . | 9½ | 92½ | See Route 43 (a). For other remarks see Route 85. |
| | | ALMORA . . . | 9½ | 102 | |
| | | Total marches, 10=102 m. | | | |

Route No. 484.
FROM MORADABAD TO BUDAUN.
via CHANDAUSI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Moradabad, Moradabad. | BILARI 31,180 sq. yds. p-o. r-s. b. | 16½ | 16½ | A large village; supplies on notice; good water from a well N-E. of C-G., which is near village, where there are other wells, and W. of road; country flat and well cultivated; road metalled for first 5 m. only, but raised and good throughout; cross the Ganghan R. (strongly bridged) at 6 and pass Kandarki r-s. at 12½ m. |
| | | CHANDAUSI p-o. t-s. r-s. | 12 | 28½ | A small town; supplies on notice; good water from 3 wells near C-G., site for which is E. of and close to town; country and road as above; cross the Uril Nadi at 6 by ford, except after heavy rain, and pass Bhulawi at 9 m. |
| | Collector of Budaun, Budaun. | BISAULI p-o. | 14½ | 43½ | A large village; supplies on notice; abundant good water from a number of masonry wells in village, E. and S. of which are several large mango groves, which could be used for encampment; country and road as above, but later sandy and heavy in parts; pass Faizganj-Behla (p-o.) at 8½ and Mundia-Dhureki (p-o.) at 9½ m. |
| | | WAZIRGANJ p-o. | 10½ | 53½ | A large village; supplies on notice; plentiful good water from wells close to sites for C-G., which are in four large mango groves S. of village; country as above; road, 40 ft. wide, unmetalled, but bridged and suitable for all arms; pass Dausali at 5 m. |
| | | BUDAUN | 13½ | 67 | See Route 12. Country and road as in last stage; pass Kargaon at 1½ m. |
| | | Total marches, 5=67 m. | | | |

Route No. 485.
FROM MORADABAD TO LANDOUR.
via NAINIABAD, HARDWAR AND DEHRA-DUN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Colr. of Moradabad, Moradabad. Colr. Bijnor, Moradabad. Colr. Bijnor, Bijnor. | CHHAJLET . . . | 18½ | 18½ | A small village; supplies on notice; plentiful good water from a well E. of C-G., extensive site for which being N. of road; country cultivated; road unmetalled, but raised and bridged, general width 70 ft., passable for all arms. |
| | | PUREANPUR . . . 18,776 sq. yds. | 12 | 30½ | A small village; supplies on notice; good water from a well near, and from a well 300 yds. from, C-G., site for which is close to road, near village; country as in last stage; road neither raised, metalled nor bridged, width 40 ft. |
| | | NURPUR . . . 34,020 sq. yds. p-o. | 6 | 31½ | A large village; supplies on notice; good water from a well and tank W. of C-G., site for which is in a grove S. of road; country as above; road unmetalled but bridged, about 80 ft. wide. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohland District, Bareilly. | Collector of Bijnor, Bijnor. | NIHTOR . . . 119,299 sq. yds. p-o | 13 | 44½ | A village on right bank of the Ganjan; supplies on notice; good water from 2 wells on G-G, latter situated in a grove S-W. of village; country as before; road 40 ft. wide, unmetalled but bridged; the villages of Kunda and Shamepora are passed en route. |
| | | NAGINA . . . 90,376 sq. yds. p-o t-s r-s b. | 9½ | 53½ | |
| | | NAJIBABAD . . . | 13½ | 67½ | |
| | | AMSOT . . . | 14½ | 81½ | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | SHAMPUR . . . | 7½ | 89½ | Country partially cultivated; road unmetalled, bridged, average width 40 ft. See Route 314. A town on the right bank of the Ganges; supplies abundant; water from the river; C-G. E. of road and 4 m. S-W. of village. |
| | | HARDWAR . . . 410 x 112 yds. p-o t-s r-s. | 7 | 96½ | |
| | | KANSRAO . . . 160 x 87 yds. | 12 | 108½ | |
| | | LACHIWALA . . . | 8 | 116½ | |
| | | DEHRA-DUN . . . | 10½ | 127 | |
| | | RAJPUK . . . | 0 | 128 | |
| | | LANDOUR . . . | 8 | 141 | |
| G. O. C. Dehra-Dun, Dehra-Dun. | Supdt. of Dehra-Dun, Dehra-Dun. | Total marches, 14= | | | A very small village; supplies must be collected; plentiful good water from streams in vicinity of G-G, site for which E. of road; country sparsely cultivated, road as in previous stage, difficult for carts. Country and road as in last stage. See Route 40 (a). For other remarks see Route 40. |
| | | 141 m. | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Route No. 486.
FROM MORADABAD TO NAINI TAL.
via KALADHUNGI

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohland District, Bareilly. | Collector of Moradabad, Moradabad. | MANPUR . . . | 12½ | 12½ | See Route 485. For other remarks see Route 91 (a). |
| | | DURHIAL . . . | 10½ | 23½ | |
| | | SAFA KHANA . . . | 10½ | 34½ | |
| | | KALADHUNGI . . . | 16½ | 49½ | |
| | Dr. Comr. of Naini Tal, Naini Tal. | NAINI TAL . . . p-o t-s b. | 14½ | 61½ | A military cantonment and convalescent depot, the hd-qrs. of the Lieut.-Genl Comdg. the Forces, Bengal; supplies procurable; plentiful good water from a lake, 1 m. from which, in cantonments, is a small site for G-G; a larger site may be found at N. end of lake; country mountainous; road, an 8-ft. bridge-path, ascending nearly the whole way at an average gradient of 1 in 10, good, but unfit for carts. |
| | | Total marches, 5= | | | |
| | | 64½ m. | | | |

Route No. 487.
FROM MORADABAD TO PITHORAGARH.
via RUDARPUR AND LOHAGHAT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohland District, Bareilly. | Collector of Moradabad, Moradabad. | MANPUR . . . | 12½ | 12½ | See Route 485. |
| | | DURHIAL . . . | 10½ | 23½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Deputy Commissioner of Naini Tal, Naini Tal. | TALI | 9 | 32½ | A small village in the Terai; supplies on notice; good water from a well, and the Gogha stream, about 600 yds. from which and E. of village is site for C.G.; country fairly cultivated; road, 36 ft. wide, unmetalled, but passable for all arms; cross the Kosila soon after starting, by ford in dry weather, by ferry in rains, and the Gogha (bridged) at end of stage. Country and road as above; cross the Dabka stream (bridged) about half-way. There is a shorter road from Moradabad to Rudarpur, but the last two marches are difficult on account of the numerous nullahs and ravines which intersect the road. The stages are:— Ganesh Ghat 18 m. See Route 91 (a). Bilaspur (p.o.) 18 " Rudarpur 10 " TOTAL 41 m. |
| | | BARAKHERA (GADARPUR) | 10 | 42½ | |
| | | RUDARPUR | 10½ | 53½ | |
| | | KIOHABA | 8 | 61½ | |
| | | SATARGANJ 200 × 188 yds. | 12 | 73½ | |
| | Deputy Commissioner of Kumaon, Almora. | NANAKMATHA | 7 | 80½ | A small town; supplies on notice; abundant good water from a stream; limited site for encampment near road; country and road as in last stage; cross the Kyhs at 2, by ford in dry weather, by ferry in the rains, and a bridged stream at 4½ m. |
| | | KUTEYMA | 10 | 90½ | |
| | | TANAKPUR | 18 | 108½ | Country flat and principally covered with grass-jungle; road as above; nullahs bridged; cross the Deoha R. at 3 m., by ford in dry season, by ferry in the rains. |
| | | DEORI | 15 | 123½ | |
| | | CHAMPAWAT | 15 | 138½ | See Route 90. For other remarks see Route 42. |
| | | LOHAGHAT | 6 | 142½ | |
| | | OHIRA | 8½ | 150½ | For other remarks see Route 44. |
| | | GUMA (GUN) | 10 | 160½ | |
| | | PITHORAGARH | 8 | 168½ | |
| | | Total marches, 16= 168½ m. | | | |

Route No. 488.
FROM MORADABAD TO RANIKHET.
via KASHIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Colr. of Moradabad, Moradabad. | MANPUR | 12½ | 12½ | See Route 483. Country partially cultivated; road unmetalled, sandy and heavy in places, unsuitable for wheeled traffic. |
| | | DURHIAL | 10½ | 23½ | |
| | | KASHIPUR | 11 | 34½ | |
| | | BAN KA KUA | 9 | 43½ | |
| | | AMSOTH | 10 | 53½ | |
| | Deputy Commissioner of Kumaon, Almora. | KUMERIA | 11½ | 64½ | See Route 91 (a). |
| | | TOTUAN | 5½ | 70½ | |
| | | MALU KHAN | 7½ | 78½ | |
| | | DANPO | 10½ | 88½ | |
| | | SEONI | 8½ | 97½ | |
| | | RANIKHET | 10½ | 107½ | For other remarks see Route 45. |
| | | Total marches, 11= 107½ m. | | | |

Route No. 489.
FROM MORADABAD TO ROORKEE.
via BIJNOR.

| AUTHORITIES. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Moradabad, Bijnor, Dijnor, Moradabad. | CHHAJLET . | 18½ | 18½ | See Route 485. |
| | | PURANPUR . | 12 | 26½ | |
| | | AMHERA . | 17½ | 42½ | |
| | | BIJNOR . | 18½ | 56½ | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Saharanpur, Sharnapur. | ILLAHABAS . 12, 800 sq. yds. | 13 | 68½ | A small village; supplies on notice; good water plentiful; C-G. on large area W. of village; country partially cultivated; road, about 30 ft wide, unmetalled, but possible for all arms; pass Nurpur, on the Moradabad-Landour road, at 6 m.; here a halt might be made if the march is considered too long. See Route 451. Country jungly with partial cultivation; road as in last stage. A small village; supplies on notice; good water, for 2 bottles, from a well on C-G., site for which is E. of village; country jungly; road, about 30 ft wide, unmetalled, sandy and heavy in places; cross the Ganges at Rasuli Ghat at 5½ m., by bridge-of-boats in dry season, by ferry (4 boats, each carrying 60 men) in the rains. Country well cultivated; road as above; pass Bholavari at 4, and cross the Ganges canal (bridged) at 11½ m. See Route 458. |
| | | PUR . | 10½ | 84½ | |
| | | ROORKEE . | 15½ | 100½ | |
| | | Total marches, 7 = 100½ m. | | | |

Route No. 489(a).
FROM MORADABAD TO ROORKEE.
via NAJIBABAD AND HARDWAR.

| AUTHORITIES. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Moradabad, Bijnor, Dijnor, Moradabad. | CHHAJLET . | 18½ | 18½ | See Route 485. For other remarks see Route 131. For other remarks see Route 314. For other remarks see Route 314. A small village; supplies procurable; good water from wells near, and a canal 200 yds. from C-G. which is W. of road; country cultivated; road unmetalled, bad and unsuitable for guns; water-courses dry except in the rains. See Route 458. Country intersected by ravines; road in fair order but unfit for artillery; cross the Ratham at 5½ m. and the Salani Nadi towards end of stage, both fordable except after heavy rain. There is a better though longer road along the bank of the Ganges canal. |
| | | PURANPUR . | 12 | 26½ | |
| | | NURPUR . | 6 | 31½ | |
| | | NIHOTE . | 18 | 41½ | |
| | | NAGINA . | 9½ | 58½ | |
| | | NAJIBABAD . | 18½ | 67½ | |
| | | AMRAT . | 14½ | 81½ | |
| | | SHAMPUR . | 7½ | 89½ | |
| | | HARDWAR . | 7 | 96½ | |
| | | BAHADURABAD 400 x 260 yds. | 7 | 103½ | |
| G. O. C. Meerut District, Meerut. | Collector of Meerut, Saharanpur, Sharnapur. | ROORKEE . | 9½ | 112½ | |
| | | Total marches, 11 = 112½ m. | | | |

Route No. 490.
FROM MORADABAD TO UMBALLA.
via BIJNOR, DEOBAND, SAHARANPUR AND JAGADHRI.

| AUTHORITIES. | | Names of stages and size of occupying grounds. | DISTANCE. | | REMARKS. |
|--|------------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkand District, Bareilly. | Collector of Moradabad, Moradabad. | CHHAJLET . | 18½ | 18½ | See Route 485. |
| | | | | | |

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|--------------------------------------|--------------------------|--|-----------|--------|--|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Bahadur Dist., Meerut. | Colr. of Meerut, Meerut. | PURANPUR . | 12 | 25½ | See Route 485. | |
| | | AMHERA . | 17½ | 42½ | | |
| | | BIJNOR . | 13½ | 56½ | For other remarks see Route 484. See Route 489. | |
| | | ILLAHABAS . | 18 | 68½ | | |
| G. O. C. Meerut District, Meerut. | Colr. of Meerut, Meerut. | BASERA . | 11½ | 79½ | A village; supplies on notice; plentiful good water from 3 wells and 2 tanks close to C-G., site for which is S. of village; country partially cultivated and swampy; road, about 30 ft. wide, unmetalled and difficult; cross the Ganges canal (bridged) at 7½ m. | |
| | | DEOBAND . | 13½ | 93½ | | |
| | | NAGAL . | 11½ | 105 | Country fairly cultivated; road as above; pass Barla at 5½ and cross the Kali Nadi (fordable except after heavy rain) at 9 m. See Route 486. | |
| | | SAHARANPUR . | 9½ | 114½ | | |
| G. O. C. Meerut District, Meerut. | Colr. of Meerut, Meerut. | SIRSAWA . | 9½ | 124½ | For other remarks see Route 185. See Route 489. | |
| | | JAGADHRI . | 14½ | 139½ | | |
| | | CHAPPAR . | 7½ | 147½ | See Route 460. | |
| | | ADHOA . | 9½ | 156½ | | |
| G. O. C. Saharand District, Umballa. | Colr. of Meerut, Meerut. | SHAHABAD . | 10½ | 167½ | For other remarks see Route 420. See Route 286. | |
| | | UMBALLA . | 13½ | 180½ | | |
| | | Total marches, 15 = | | | | |
| | | 189½ m. | | | | |

Route No. 491.
FROM MORAR TO BHARATPUR.
via DHOLPUR, SARHENDI AND PATEHPUR-SIKRI.

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahadur District, Agr. | Resid. at Gwalior, Gwalior. | GWALIOR RESIDY. | 7½ | 7½ | For other remarks see Route 20. See Route 17. |
| | | NURABAD . . . | 10 | 17½ | |
| | | DEORI . . . | 12½ | 30½ | |
| | | DHOLPUR . . . | 11½ | 41½ | |
| G. O. C. Bahadur District, Agr. | Pol. Act. Resid. at Gwalior, Gwalior. | SIPAO . . . | 13 | 54½ | See Route 18(b). Country level, open and well cultivated; road unmetalled, but fit for carts, except in rainy season, when it is liable to floods; pass Pachgaon at 3½, Jaki at 0 and cross the Farball at 9 m. A town; supplies on notice; plentiful good water from wells in vicinity of C.G., which is near police stn.; country and road as in last stage; pass Chaudson at 6 m. See Route 18(a). Country and road as above, but latter rough near end of stage; cross the Banganga about half-way. See Route 11. Country and road as above; cross the Khari Nadi (bridged) at 1½, pass Rasulpur at 3, and Dhanera at about 8½ m. |
| | | SARHENDI . . . 650 × 460 yds. | 18 | 67½ | |
| | | PATEHPUR-SIKRI . . . | 11 | 78½ | |
| | | BHARATPUR . . . | 13 | 91½ | |
| Total marches, 8 = | | | | | |
| 91½ m. | | | | | |

Route No. 492.
FROM MORAR TO ETAWAH.
via BHIND.

| ACTIVITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------|-----------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahadur Dist., Agr. | Resid. at Gwalior, Gwalior. | From main bridge over River Morar to MALANPUR . | 10½ | 10½ | A village; supplies from Morar; good water, for a bath, from a well in centre of C.G., which is W. of road and near village; country open and cultivated, with hills in the distance; road metalled and good; pass Bharat at 7½ m. and cross a small branch of the Morar immediately afterwards by a stone cartway. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|-------------------------------------|---------------------------|---|----------|--------|---|
| Military. | Civil | | Miles. | Total. | |
| G. O. C. Bandakhand District, Agra. | Road at Gwalior, Gwalior. | OHINKA 280 x 250 yds b. | 9½ | 20 | A village; supplies scarce; good water, for a bath, from a well on C-G, which is W. of road, and near village, site is bad and has many holes; country and road as above. Gohad (p-o), a large village on the Morar, is 3 p. S.E. of Chuhin. Country and road as above; pass Barkhara at 5 and Gagarilhi at 8 m. See Route 241. For other remarks see Route 15 |
| | | MEHGAON . . . | 13½ | 33½ | |
| | | BEIND . . . | 12½ | 45½ | |
| | | UDAI . . . | 13 | 58½ | |
| | | ETAWAH . . . | 7½ | 66½ | |
| G. O. C. Meerut District, Meerut. | | Collector of Etawah, Etawah. | | | |
| | | Total marches, 6 = | | | |
| | | 68½ m. | | | |

Route No. 403. FROM MORAR TO JHANSI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|------------------------------------|--|--|----------|-------|--|
| Military. | Civil | | Miles. | Total | |
| G. O. C. Bandakhand District, Agra | Road at Gwalior, Gwalior. Post Act in Bandakhand, Morgung. Dy. Commr. of Jhansi, Jhansi. | KOTA-KI-SARAI . . . | 7½ | 7½ | Country hilly and ravine; road good, metalled and bridged; cross the Morar at 7, and the Khar just before reaching camp. |
| | | MAKORA . . . | 0½ | 10½ | |
| | | DUBBA . . . | 11½ | 22½ | |
| | | OPRAI . . . | 10 | 32½ | |
| | | DUTTIAH . . . | 10½ | 43½ | |
| | | AMBABAI . . . | 7½ | 51½ | |
| | | JHANSI . . . | 9 | 60½ | |
| | | Total marches, 7 = 64½ m. | | | |
| | | | | | See Route 17. |

Route No. 494. FROM MORAR TO NASIRABAD as far as MANDRAEL (for remainder see Bombay Route Book No. 247).

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|-------------------------------------|--|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Bandakhand District, Agra. | Saind's Territory, Resident at Gwalior, Gwalior. | PAHARI 200 x 120 yds. | 15½ | 15½ | A village, supplies procurable with difficulty, good water, for a bath, from a well 250 yds N-W. of C-G, site for which is S. of road and near village; country open, undulating, and partially cultivated; road metalled until it crosses the Agra-Jhansi road at 7 m., thence fair though rocky in places; pass Jaurah at 8½ and cross the Sack (dry in dry season) at 16 m., by ford except after heavy rain. A large village with a fort; supplies procurable; good water, for a bath, from a well in a fakir's garden W. of, and from another well (water doubtful) S. of. C-G, indifferent site for which is 200 yds. S-E of fort; country cultivated and undulating; road unmetalled, sandy in places, but fair; cross a small branch of the Agra R. at 6 m., fordable except after heavy rain. Country level and cultivated; road as above; cross the Agra (generally fordable) at 3 m. See Route 241. |
| | | SIMAOULI | 10 | 26½ | |
| | | JAURA | 8 | 33½ | |
| | | KEJARAS | 12 | 45½ | |
| | | SABALGARH | 14½ | 60 | |
| | | MANDRAEL | 11 | 71 | |
| G. O. C. Bandakhand District, Agra. | | Pol. Agt. Eastern States, Rajputana, Dholpur. | | | |
| | | Total marches, 6 = | | | |
| | | 71 m. | | | |

viā SIPRI, SHAHABAD AND KOTAH.

| AUTHORITIES. | | Name of stages and place of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | NAIGAON . . . | 16½ | 16½ | Country hilly on either side of road and scantily cultivated; road metalled and bridged, crossing over low hills here and there; join the Agra-Bombay road at about 18 m. See Route 18. |
| | | GHATIWALAGAON . . . | 10½ | 26½ | |
| | | REHAT . . . | 8½ | 34½ | |
| | | MAHONA . . . | 6½ | 40½ | |
| | | CHORPURA . . . | 11½ | 52½ | |
| | | SATANWARA . . . | 14 | 66½ | |
| | | SIPRI . . . | 9½ | 76 | |
| | | RAJGARH . . . | 11 | 87 | |
| | | SANDRI 160 x 100 yds. | 11½ | 98½ | |
| | | SHAHABAD . . . | 14 | 112½ | |
| Pol. Agt., Jhalawar, Jhalapour. | Resident at Gwalior, Gwalior. | SAMRANIA . . . | 14 | 126½ | A large village; supplies procurable; plentiful good water from a well on, and another near, C-G., shady site for which is ½ m. E. of village; country open undulating and cultivated; road, a good cart track; leave the main road and turn W. at Sipri; pass Piparnawa at 6 m. A small jungle village; no supplies; indifferent limited water from 2 wells and a nullah close to C-G., site for which is ½ m. S-W. of village; country hilly and thick jungle; road stony and difficult; pass Gangari at 4 and Kajuri at 7½ m. A large town with tehsil; supplies plentiful; abundant good water from 2 well on C-G., site for which is ½ m. E. of town; country hilly and stony with thick jungle; road, a difficult stony track as far as Deori, 7 m., thence good having been recently constructed; cross the Kunu (fordable except after heavy rain) towards end of stage. There is another, but much more roundabout road, from Chorpura to Shahabad, making the following stages:-- <div style="display: flex; justify-content: space-between;"> <div> <p>Kharni . . . 10½ m.</p> <p>Adhai . . . 10 "</p> <p>Pipargarh . . . 10 "</p> <p>Garleni . . . 18½ "</p> <p>Shahabad . . . 12 "</p> </div> <div> <p>A village 2½ m. S-E. of Paori (see Route 23); cross the Kunu (branch of) en route.</p> <p>Cross the Kunu R. en route.</p> </div> </div> <p>Total from Morar . 108½ m.</p> |
| | | BOHARGARH . . . | 15 | 141½ | |
| | | BANSTHANI . . . | 7 | 148½ | |
| | | BARA . . . | 13 | 161½ | |
| | | SARAG KHAIRLI . . . | 20 | 181½ | |
| | | DIGOD . . . | 10 | 191½ | |
| | | KOTAH . . . | 16 | 207½ | |
| | | JAGPURA . . . | 9½ | 217 | |
| | | UMEDPURA . . . | 10 | 227 | |
| | | MOKANDARA . . . | 8 | 235 | |
| Pol. Agt., Western Malwa. | Resident at Gwalior, Gwalior. | KHAIRABAD . . . | 13 | 248 | Country undulating, with cultivation here and there; road rough and stony; pass Sonam at 7½ m. See Route 293. |
| | | BHANPURA . . . | 18 | 266 | |
| | | TEHLA . . . | 10½ | 276½ | |
| | | Total marches, 23 = | 276½ m. | | |

Route No. 496.
FROM MURREE TO ABBOTTABAD.
via THE UPPER ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Hazara, Abbottabad. | CHANGLAGALI . b. | 10 | 10 | <p>NOTE.—This route is preferable during the summer months, as the road is generally in better order, there are fewer nullahs to cross, and supplies are readily procurable. It is, however, blocked by snow from December to April, and during those months No. 496(a) is used.</p> <p>A small bazar and huttid military camp, occupied during summer months only; supplies procurable; plentiful good water from springs E. of bazar, W. of which is small site for C-G.; country mountainous; road good; pass Tletha bazar at 6½ and Chhalagali huttid camp at 7½ m.</p> <p>A small bazar and civil str., occupied during summer only; supplies procurable; abundant good water from pipes laid on from Murree; small site for C-G. E. of bazar; country and road as above.</p> <p>A small village; supplies on notice; plentiful good water from springs N. of b., of which is small site for C-G.; water may also be obtained from a stream E. of village; country and road as above; pass Nathiagali (p.o. t-s.) at 2½, and the huttid camps of Kalabagh and Baragali at 4 and 5 m. respectively.</p> <p>See Route 57.</p> <p>Country and road as above, latter open all the year round; cross the Dera (branch of) at 3½, and the Dharan stream at 6 m., both fordable.</p> |
| | | DUNGAGALI . p-o. t-s. b. | 8 | 18 | |
| | | BAGNOTAR . b. | 12 | 30 | |
| | | ABBOTTABAD . | 10½ | 40½ | |
| | | Total marches, 4 = 40½ m. | | | |

Route No. 496(a).
FROM MURREE TO ABBOTTABAD.
via THE LOWER ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, District, Rawal Pindi, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | NAGRI-DHUNDAN . | 18½ | 13½ | <p>A village; supplies on notice; abundant water from the Harroth stream, ½ m. E. of village, on cultivated lands S. of latter is ample site for C-G.; country mountainous; road fair and suitable for mule traffic, leave the Rawal Pindi road at Chidan at 4½, descend by a steep zig-zag, and pass Kiani (boundary of Hazara) at 7½, and cross the Harroth stream (fordable) at 12½ m; during the rains this stream is liable to flood, which soon subsides.</p> <p>A village; supplies on notice; plentiful good water from a stream W. of village, where there is ample site, on cultivated land, for C-G.; country and road as above; ascend easily on starting for 3½ m. to the crest of the Mari mountain (b.), then descend and cross the Harroth (fordable) at 5 m.</p> <p>See Route 57.</p> <p>Country and road as above; cross the Dera (generally fordable) at 8 and join the Hazara road at 12 m.</p> |
| | | SAJKOT . | 10 | 23½ | |
| | | ABBOTTABAD . | 10½ | 39½ | |
| | | Total marches, 3 = 39½ m. | | | |

Route No. 497.
FROM MURREE TO BANDIPURA.
via KOHALA AND BARAMULA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. Resid. in Kashmir, Srinagar. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | PHAGWARI . | 14½ | 14½ | <p>NOTE.—Marching with troops in Kashmir off the two Imperial roads, Kohala to Baramulla and Bandipura to Gilgit, is attended with difficulty, the routes are mere tracks necessitating movement in single file and such bridges as exist are generally very narrow and of light structure.</p> <p>A small place; supplies on notice; abundant good water from the Kansir nullah 1 m. beyond, but during rains from nullahs near, C-G., small site for which is close to village; country mountainous; road, a good metalled cut-road passable for all arms; gradients easy; pass Kuldana at 1, Kashmir point at 2½, and Lower Topi cemetery at 3½ m.</p> <p>A large village near left bank of the Jhelum; supplies on notice; good water from the river; small space for C-G. in and about b. compound; country as above, hillsides wooded for 1½ m., then terraced for rice cultivation; road as before, descends to within 1½ m. of Kohala, thence level to end of stage; at 5 m. road enters the Jhelum valley on the right bank of the river; pass Basain at 8½, the old road, <i>via</i> Dewal, at 10½, and cross the Kansir stream (bridged) at 12 m.</p> <p>A small place; supplies on notice; abundant good water from the Dulai nullah, on left bank of which is small space for C-G., also in b. compound; country, road and gradients as before; after crossing the Jhelum by an iron girder bridge at Kohala, enter Kashmir territory and proceed N. along the left bank of the river, ascending to Shatter, then descending to the Agar R. (crossed by an iron girder bridge) by 2 zig-zags, at 9 m., after crossing, ascend to Dulai.</p> |
| | | KOHALA . p-o. t-s. b. | 13 | 27½ | |
| | | DULAI . b. | 12 | 39½ | |
| | | | | | |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | DOMEL p-o. t-s. b. | 9 | 48½ | A village at the confluence of the Jhelum and the Kishanganga; supplies on notice; good water from the river; small site for C-G. near b.; country and road as before; nullahs bridged; pass Rara at 4 m. |
| | | GHARHI p-o. t-s. b. | 18½ | 62½ | A small village near the Jhelum; supplies on notice; good water from the river; small open site for C-G. near b.; country, nullahs and road as before, latter following the river. |
| | | HATTI b. | 10½ | 72½ | A halting place, elevation 8,080 ft.; supplies on notice; abundant good water from a nullah close by C-G., small site for which is near diamed b.; country, road and nullahs as before; pass Dopatta fort on right bank of the river at 1½ and Chaila at 4½ m. |
| | | CHAKOTI p-o. b. | 10½ | 82½ | A village, elevation 8,615 ft.; supplies on notice; plentiful good water from the Chakoti nullah, 150 yds. N. of which, on terraces in hillside, also near b., are spaces for encampment; country as before, hillside wooded; nullahs bridged; road as above, ascends steadily to within 1 m. of Chakoti, thence level. |
| | | URI | 13½ | 96½ | See Route 808(a). Country, road and nullahs as before. At Uri the road from Punch, by the Haji Pir pass, joins in. |
| | | RAMPUR 560 × 50 yds. p-o. b. | 18½ | 100½ | A village near the Jhelum, elevation 4,485 ft.; supplies on notice; good water from a hill 160 yds., and the river 300 yds. distant; C-G. S. of the 109th mile-post and immediately under the rocky precipitous hill opposite b.; country, road and nullahs as before; descend for 1½ m. to the Namah nullah, thence a steady ascent to Rampur. |
| | | BARAMULA | 16 | 124½ | See Route 8. Country, road and nullahs as above. Baramula is connected by boat with Sopor, Bandipura, Srinagar and Islamabad; boat journey to Srinagar usually takes about 18 hrs. |
| | | WATLAB 350 × 60 yds. | 14½ | 139½ | A small village; supplies on notice; good water from a stream 150 yds. S. of C-G., which is N-W. of village under Shokaradin Hill, and ½ m. from Woolar Lake; country as before, but more open; road now enters the Kashmir valley and is a mere track, 4 ft. wide, but suitable for pack animals, including camels; nullahs bridged; pass Sopor (p-o. t-s.), soon after crossing the Jhelum, by a wooden bridge, at about 8 m. |
| | | BANDIPURA 320 × 120 yds. p-o. t-s. | 11½ | 151 | A large village, base of supply for Gilgit; supplies on notice; abundant good water from streams in the vicinity; C-G. ½ m. S-W. of village, partly covered with thorn-jungle which would have to be cleared; country and road as in last stage, latter to be completed to Srinagar; nullahs temporarily bridged or fordable; ascend the ridge connecting the Shokaradin Hill with the main range, and after crossing this, descend to the plain, and proceed N. to Bandipura. From Bandipura there is a new military road to Gilgit via Gurez and Astore. |
| | | Total marches, 12 = 161 m. | | | |

Route No. 498.
FROM MURREE TO JHELMUM.
via THE RIGHT BANK OF THE JHELMUM RIVER.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Rawal Pindi, Rawal Pindi. | PARHANA . . . | 10 | 10 | NOTE.—As far as Rampatan, the route as given below is said to be practicable for laden mules; but the remainder of the road along the river is not kept in repair and could not be used by troops, as there are numerous landfalls, involving long detours and heavy climbing. The route is chiefly inserted for the information it gives about the forries on the Jhelum River. A small place; few supplies obtainable; good water from springs near; country hilly and well wooded; road fair, descending the whole way. A hill village; few supplies obtainable; water from springs; country and road as above. This is a well-frequented ferry by which the trade between the territories of the Maharaja of Kashmir and this district is carried on; supplies obtainable from Mouza Barai; good water from the river. Supplies from Bazar; good water from springs; road very bad and unfit for troops; at 4 m. pass Soha. There is a shop here for supplies, and good water is obtained from springs; road as above; pass Kamed at 4 m. A shop here for supplies; good water from the river; road as above. A shop here for supplies; good water from springs; road as above. Supplies must be procured from Mouza Palala; good water from the river. A large village; supplies plentiful; good water from the river; road as above; pass Hil Ferry at 7 m. Country hilly; road bad and often impassable in hot weather and rains. See Route 362. For other remarks see Route 260. |
| | | KOTLI . . . | 8 | 18 | |
| | | RAMPATAN FERRY. | 5 | 23 | |
| | | OWEN FERRY . . . | 9 | 32 | |
| | | SODHERI FERRY . . . | 9 | 41 | |
| | | SALGRAON FERRY . . . | 5½ | 46½ | |
| | | BANAKAL . . . | 7 | 53½ | |
| | | DANGALI FERRY . . . | 6 | 59½ | |
| | | BAGHAM FERRY . . . | 10 | 69½ | |
| | | TANGROTE . . . | 9½ | 78½ | |
| | | DULIAL . . . | 13 | 91½ | |
| | | JHELMUM . . . | 14 | 105½ | |
| | | Total stages, 12 = 105½ m. | | | |

Route No. 498.
FROM MURHEE TO SHINAGAR.
via KOHALA, URI AND BARAMULA.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--|---|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rival Endi District, Hara Pindi | Dr. Comar, of Hara Pindi, Hara Pindi. | DEWAL p-o. b. | 10½ | 10½ | <p>NOTE—This route is preferable to the new cart-road (No. 327) for the first two stages unless cart transport is obligatory; it is 8 miles shorter, and in hot season much cooler.</p> <p>A small village with an old fort; supplies procurable; abundant good water from a covered masonry spring near C.G., small but good site for which is close to village, country hilly, well wooded in parts; road good, average width 6 ft., descending almost the whole way, practicable for laden animals.</p> <p>See Route 197.</p> <p>Country and road as above, except last 2 m. of latter, where the cart-road, metalled and bridged, is joined. From Kohala a path runs W to Kalabgh, and though steep and rocky in parts, is practicable for mountain batteries.</p> <p>A halting place, supplies and good water procurable; after crossing the iron suspension bridge over the Jhelum, the road enters Kashmir Territory and turns to the N., following the course of the Jhelum throughout; it crosses the shoulders of the hills some distance above the left bank of the river, and is tolerably easy all the way.</p> <p>A halting place; good water procurable; road as before, except that the ascents and descents are somewhat steeper.</p> <p>A halting place; good water procurable; about half-way on this stage, the Kishenganga joins the right bank of the Jhelum. (From near this point a road runs N. to Muzaffarabad (p-o) and crosses the Jhelum by a rope suspension bridge). The road now makes a sharp turn S.E., following the course of the Jhelum, and the valley becomes narrower. There are some very steep and precipitous places on this march.</p> <p>An easy march, still continuing up the left bank of the Jhelum.</p> <p>See Route 497.</p> <p>For other remarks see Route 497.</p> <p>See Route 303 (a).</p> <p>For other remarks see Routes</p> <p>See Route 8.</p> |
| | | KOHALA | 9 | 19½ | |
| | | CHATRICALAS b. | 11 | 30½ | |
| | | RARA b. | 12 | 42½ | |
| | | TINALI (TANDALI) b. | 12 | 54½ | |
| | | GHARHI | 10 | 64½ | |
| | | HATTI | 10½ | 75½ | |
| | | CHAKOTI | 10½ | 86½ | |
| | | URI | 13½ | 99½ | |
| | | NAOSHERA | 14 | 112½ | |
| Kashmir Territory. | Resident in Kashmir, Srinagar | BARAMULA | 9 | 121½ | |
| | | PATAN | 16½ | 137½ | |
| | | SRINAGAR | 17½ | 155½ | |
| | | Total marches, 13 = | 166½ m. | | |

Route No. 500.
FROM MUSSOOREE TO RANIKHET.
via TEHRI, PAURI, KINOWI, RAMNI, GWALDAN, AND DWARAHAT.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|--------------------------------------|-----------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Pind District, Parsilly. | Dr. Comar of Garhwal, Pauri | DHANAUATI | 15½ | 15½ | <p>Country mountainous; road good; at 10 m. there is a steep and stony zig-zag.</p> <p>See Route 40.</p> <p>A small village, elevation 4,250 ft.; supplies on notice; plentiful good water from a spring in village, small C.G. on cultivated terraces; country as before; road good and fit for mule traffic; pass Santala, a village on the Bhuhang R. at 1½ and cross the Gadola (bridged) at 6½ m.</p> <p>A small village; supplies on notice; good water from a stream just below C.G., site for which is on cultivated terraces, country as before; road as above; ascend gradually for 2½ m., then descend in some places rapidly, for 8 m., afterwards nearly level to camp; cross the Tinkolga stream (bridged), at 10½ m.</p> <p>See Route 10.</p> <p>Country and road as before, gradients very steep in places; streams bridged; cross the Akhanda at 6½ m.; not more than 6 pack animals should cross at a time; from the bridge, Srinagar, on the Almora-Landour road, is 1 m. distant.</p> <p>A halting place, elevation 5,450 ft.; supplies on notice; plentiful good water from a stream close to C.G., which is good, country as before, road unmetalled, good and 10 ft. wide for 6½ m., up to which point it ascends at easy gradients, afterwards it is only 6 ft. wide and rises and falls irregularly.</p> <p>A halting place, elevation 6,820 ft.; supplies on notice, good but limited water from a spring ½ m. from C.G., which is in small terraces with a wooden 2-roomed house on it; country and road as above, but latter very steep in places, especially at 8½ m., where it is very narrow and animals would have to be unhoused.</p> |
| | | KAURIGALLA | 13 | 28½ | |
| | | TEHRI | 11½ | 40 | |
| | | PAUKHAL b. | 11½ | 51½ | |
| | | DHANK CHAURA b. | 12½ | 64½ | |
| | | PAURI | 19 | 75½ | |
| | | KHIRSU 160,000 sq. yds. | 10½ | 86 | |
| | | CHARIPANI 90,000 sq. yds. b. | 6½ | 91½ | |
| | | | | | |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|--|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rohitana District, Bareilly. | Deputy Commissioner of Garhwal, Pauri. | BHAINSWARA 6,000 sq. yds. b. | 8½ | 99½ | A small village, elevation 6,450 ft.; supplies on notice; abundant good water from a stream 100 yds E. of C-G, site for which is S. of and above road, with a wooden house on it; country and road as above, but latter, rough in places, continually ascending and descending. |
| | | TILKANI KHAL 300 × 200 yds h. | 7½ | 106½ | A small village, elevation 7,760 ft.; supplies on notice; abundant good water from a stream 100 yds from C-G, site for which is on waste land S. of and above road, with a wooden hut on it; country as before; road unmetalled and indifferent, 6 ft. wide; gradients steep in parts. |
| | | KHETI MASLI 120,000 sq. yds. b. | 16 | 122½ | A small village, elevation 6,320 ft.; supplies on notice; abundant good water from a stream 400 yds N. of C-G, which is E. of village and above road with a wooden b. on it; country as before; road as above, but fair; streams bridged and generally fordable; descend very steeply at first, then ascend and descend alternately; pass Adbadri at 12½ m. |
| | | KIMOLI 60,000 sq. yds. | 5½ | 128 | A village, elevation 6,700 ft.; supplies on notice; abundant good water from a stream 400 yds E. of C-G, which is on terraces S-E. of village; country and road as in last stage; cross the Dwalihal pass at 1½ m. |
| | | DIWAR 200 × 100 yds. | 11½ | 139½ | A small village, elevation 5,000 ft.; supplies on notice; abundant good water from a stream, close to which and N. of village is site for C-G; country as above; road unmetalled, indifferent and stony; it descends for 6 m. crossing the Ajarar stream 6 times in last 2½ m.; cross the Pindai R. about half-way, by a suspension bridge. |
| | | GHAT 160 × 100 yds. | 9½ | 149½ | A halting place, elevation 4,200 ft.; supplies on notice; abundant good water from a spring, close to which is site for C-G; country and road as before; gradients steep; cross the Chipla, at end of stage, by a wooden bridge. |
| | | RAMNI 330 × 200 yds. | 6½ | 156½ | A large village, elevation 8,220 ft.; supplies on notice; plentiful good water from a stream, near which and N. of village is site for C-G; country and road as before; cross the Nandakanga (bridged) on starting, then ascend very steeply by zigzags for nearly 2 m. to Nialthakot, whence the road rises and falls irregularly until camp is reached. |
| | | ALA 260 × 200 yds. | 6½ | 162½ | A village, elevation 7,850 ft.; supplies on notice; plentiful good water from a stream, close to which and near village is C-G, on slightly sloping and cultivated terraces; country and road as before, latter ascends and descends irregularly, and is in many places a mere track, very rocky and narrow; pass Padargaron at 2½ m. |
| | | KANAUL 300 × 200 yds. | 9½ | 172½ | A village, elevation 9,050 ft.; supplies on notice; plentiful good water from a stream, close to which, and on terraces above village, is C-G; country as above; road bad; descend and ascend alternately until the Nandakanga (bridged and fordable) is crossed at 6½ m., then ascend very steeply. |
| | | WAN 360 × 200 yds. | 4½ | 176½ | A village, elevation 5,500 ft.; supplies on notice; plentiful good water from a stream close to C-G, which is on waste land in terraces lying to E. of and above village; country as before; road indifferent; ascend for 2 m. by a zigzag to top of a ridge (elevation 10,500 ft.) and then descend to within ½ m. of camp. |
| | | LOHJANG 330 × 200 yds. | 7½ | 183½ | A village; supplies on notice; unlimited good water from a stream close to C-G, which is on terraces E. of village; country as before; road fair, unmetalled, 4 to 6 ft. wide; it descends for ½ m. and then ascends, difficult for pack animals. |
| | | GWALDAN p-o. | 12½ | 196½ | A village, elevation 6,300 ft.; supplies on notice; unlimited good water from a stream, E. of which is a small site for C-G; country and road as above; streams fordable; descend rapidly for ½ m., then more gradually to Kande at 5½ m.; cross the Pindar (fordable in dry weather) at 10 m. by a suspension bridge, and then ascend to camp. |
| | | GWAR 165 × 75 yds. | 7 | 203½ | A village; supplies on notice; unlimited good water from a stream; site for C-G. close to village; country and road as above, but latter good; it descends very gradually for 4 m., then nearly level to camp. |
| | | KUSANI 100 × 60 yds. | 10 | 213½ | A halting place, elevation 6,100 ft.; supplies on notice; good water from a spring and well; good site for C-G; country and road as above, latter nearly level to Pajna, 1 m., where the Gomati R. (fordable in dry season) is crossed by a suspension bridge 8 ft. wide, whence the road rises gradually for 6 m. to camp. |
| | | G. O. C. Meerut District, Meerut. | Deputy Commissioner of Kumaon, Almora. | LODE | 9½ | 223½ | A halting place, elevation 5,400 ft.; supplies on notice; good water from a well and small stream; good and extensive site for C-G. on the Almora-Gawalhal road; country and road as above; cross a stream by a wooden bridge at 4½ m. and at 5½ m. the road to Almora branches off. |
| DWARAHAT | 6½ | | | 230½ | See Route 40. |
| RANIKHET | 12 | | | 241½ | Country as above; road good, 8 to 10 ft. wide, and almost level to within 5 m. of end of stage, where it crosses the Gages R. (bridged) and then ascends to Ranikhet. |
| Cantonment Magistrate, Ranikhet. | | Total marches, 25 = 241½ m. | | | |

Route No. 501.
FROM MUTTRA TO BHARATPUR.
via DIG AND KUMHER.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------|--------------------------|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut Dist., Meerut. | Collr. of Muttra, Nuzli. | From Cantonments to GOBARDHAN p-o. | 15 | 15 | A small town; supplies procurable; plentiful water from wells in the vicinity; troops can encamp on cultivated land any where on outskirts of town; country flat, open and cultivated; road metalled and bridged; cross the Agni-Dulhi canal at 9½ and pass Atior (p-o) at 10 m. |

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|-----------------------------------|--|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut District, Meerut. | Pol. Agt., Eastern States, Rampur, Dohpur. | DIG 840 x 300 yds. p-o t-n | 8½ | 28½ | A city; supplies plentiful; abundant good water from wells and tanks, site for G.G. on the Kuma road and close to a large masonry tank, country as above, but swampy near Dig; road as before. |
| | | KUMHER p-o t-n | 12 | 36½ | |
| | | BHARATPUR | 11½ | 17½ | A city, supplies and water procurable, extensive site for G.G. about ½ m. from city, country and road as above. See Route 11. Country flat and mostly uncultivated, much intersected by mud walls, road as above; pass the new line for the Bhawalpur I.B. Infantry, where there is space for encampment, at 9 m. An excellent road runs round the town; it is 1 m. longer, but saves going through the narrow streets. |
| | | Total marches, 4 = 47½ m. | | | |
| | | | | | |

Route No. 502.
FROM MUTTRA TO FATEHGARH.
and MAINPURI AND BEWAR.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|--|--------------------------------------|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Bundelkhand District, Meerut. | Collr. of Muttra, Muttra. | BALDEO p-o | 10½ | 10½ | A village; supplies on notice; plentiful good water from wells; camp can be pitched anywhere; country open and partially cultivated; road metalled and bridged, cross the Jumna during first half of the stage, by bridge-of-boats in dry season, by ferry (3 boats, each carrying 100 men) in the rains; pass Mahabun (p-o) at 6½ m. |
| | | KHANDAULI | 15½ | 26½ | |
| G. O. C. Bundelkhand District, Meerut. | Collector of Agra, Agra. | ITIMADPUR | 12 | 38½ | Country partially cultivated; road as above. |
| | | FIROZABAD | 18½ | 61½ | |
| G. O. C. Meerut District, Meerut. | Collector of Mainpuri, Mainpuri. | SHIKOHABAD | 11½ | 63½ | See Route 16. |
| | | AROUN | 10 | 73½ | |
| G. O. C. Meerut District, Meerut. | Collector of Mainpuri, Mainpuri. | BIRGHAI | 10½ | 83½ | See Route 16. |
| | | MAINPURI | 12½ | 96½ | |
| G. O. C. Oudh District, Lucknow. | Collector of Fatehgarrh, Fatehgarrh. | BEWAR | 11½ | 110½ | See Route 16. For other remarks see Route 504. |
| | | MURHAMMADABAD | 11 | 121½ | |
| | | FATEHGARRH | 13 | 134½ | |
| | | Total marches, 11 = 154½ m. | | | |

Route No. 503.
FROM MUTTRA TO GURGAON.
and HODAL AND PALWAL.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|-----------------------------------|--|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Meerut District, Meerut. | Collr. of Muttra, Muttra. | JAIT | 11½ | 11½ | See Route 13 |
| | | CHATA | 11½ | 23 | |
| | | HODAL | 14½ | 37½ | |
| | | BHAMANIKHERA | 14½ | 51½ | |
| | Deputy Commissioner of Gurgaon, Gurgaon. | PALWAL | 6 | 57½ | See Route 189(b). Country and road as in last stage. |
| | | SILANI b. | 12 | 69½ | |
| | | SOHNA | 6 | 75½ | A small village; supplies must be collected; water slightly brackish, but plentiful, from wells in village and in surrounding fields; suitable space for G.G. round village; country fairly cultivated; road unmetalled and heavy in places, but raised and bridged. Country not very open near road, cultivation beyond; road as above; pass Takhurra at 3½ m. See Route 188. |
| | | GURGAON | 15 | 90½ | |
| | | Total marches, 8 = 90½ m. | | | |

Route No. 503 (b).
FROM MUTTRA TO GURGAON.
via HODAL, HATTIN AND SOHNA.

Route No. 504.
FROM MUTTRA TO HISSAR.
via BEWARI AND DADRI.

2

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|-----------------------------------|--|--|----------------|--------|----------|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Sindh District, Umballa. | Deputy Commissioner of Hissar, Hissar. | Dr. Commr. of Division, Hissar. | REWARI . . . | 11 | 95 | See Route 188 (a). Country as in last stage; road unmetalled, sandy and heavy; the bed of the Sahibi R. is crossed at 8½ m. |
| | | | BERLI . . . | 10 | 105 | A small village in the Dajana state; supplies on notice; abundant good water from wells; C-G. in surrounding fields; country and road as in last stage; pass Roadpur at 8½, and Mandya at 0 m. |
| | | | NAHUR . . . | 9½ | 114½ | A town; supplies on notice; abundant good water from wells; C-G. anywhere in vicinity of town; country sandy, with some cultivation; road as in last stage; cross the Hansouti at 4½ m., fordable, except when in flood. |
| | | | DADRI . . . | 16½ | 120½ | Country and road as before; pass Mori at 11½ m. |
| | | | MANHERU . . . | 9½ | 180 | |
| | | | BHIWANI . . . | 8 | 147 | See Route 235. |
| | | | BALLIALI . . . | 10½ | 167½ | |
| | | | JAMALPUR . . . | 0½ | 161 | |
| | | | LADUA . . . | 11½ | 176½ | |
| | | | HISSAR . . . | 8½ | 188½ | For other remarks see Route 191. |
| | | Total marches, 17 = | | | | |
| | | 188½ m. | | | | |

Route No. 505.

FROM MUTTRA TO MHOW as far as RASULPUR (for remainder see Bombay Route Book No. 228).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collr. of Muttra, Muttra. | RASULPUR . . . | 13½ | 13½ | A village; supplies on notice; abundant good water from wells; extensive space for encampment in the surrounding fields; country open and cultivated; road metalled, raised and bridged; pass Obota Kosi at 0, and cross the Delhi-Agra canal at 10 m. |
| | | Total marches, 1 = | | 13½ m. | |

Route No. 506.

FROM MUTTRA TO NASIRABAD as far as DIG, see Route 501 (for remainder see Bombay Route Book No. 250).

Route No. 506 (a).

FROM MUTTRA TO NASIRABAD as far as ULUPURA (for remainder see Bombay Route Book No. 250 (1)).

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collr. of Muttra, Muttra. | RASULPUR . . . | 13½ | 13½ | See Route 505. |
| | | BHARATPUR . . . | 10½ | 24½ | See Route 11. |
| | | LUHARU . . . | 11 | 35½ | Country open, flat and partially cultivated; road metalled and good. |
| | | HALENA . . . | 11½ | 40½ | A village; supplies on notice; good water from a well near C.G., suitable site for which is N. of and close to village; country and road as above. |
| | | ULUPURA . . . | 10½ | 67½ | A village; supplies on notice; good water from wells in the vicinity; suitable site for encampment near the dismantled dak b; country as above; road unmetalled, but good. |
| | | Total marches, 5 = | | 67½ m. | Two small villages near the boundary of the Bhamitpur state; supplies must be collected; plentiful water from wells; site for C.G. near villages; country and road as above; cross the Bangunga at 2 m., dry except in the rains, when it becomes impassable. |

FROM MUZAFFARGARH TO DERA ISMAIL KHAN.

via DAERADI-PANAH, LEIAH AND BHAKKAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meeran Meer. | Dy. Commr. of Muzaffargarh, Muzaffargarh. | MAHMUD KOT 100 x 100 yds. p-o. b. | 14 | 14 | A small village; supplies on notice; plentiful good water from a well on E. side of C-G., site for which is E. of village on roadside; country barren for first 7 m., afterwards scantily cultivated; road, 20 ft. wide, unmetalled, but bridged and passable for all arms, though sandy and heavy in places. |
| | | SINANWAN | 8½ | 22½ | Country fairly cultivated; road as above. |
| | | KOT-ADU | 10 | 32½ | |
| | | DAERADIN-PANAH. | 7 | 39½ | |
| | | KOT-SULTAN | 14½ | 54 | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Dera Ismail Khan, Dera Ismail Khan. | LEIAH | 12 | 66 | See Route 109. |
| | | DORATTA (DORCHARKA). | 7 | 73 | |
| | | KAROR | 11½ | 84½ | |
| | | JHARKAL | 8 | 92½ | |
| | | NOTAK | 9 | 101½ | |
| | | BHAKKAR | 11 | 112½ | For other remarks see Route 231. |
| | | LAK | 13 | 125½ | |
| | | DERA ISMAIL KHAN. | 7 | 132½ | |
| | | Total marches, 13 = | | | |
| | | 182½ m. | | | |

Route No. 508.

FROM MUZAFFARGARH TO RAJANPUR.

via KHANGARH AND THE NURPUR FERRY.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meeran Meer. | Deputy Commissioner of Muzaffargarh, Muzaffargarh. | KHANGARH 96,600 sq. yds. p-o. b. | 11 | 11 | NOTE.—During summer, when the country is much subject to floods, this route should be avoided, the following alternative being preferable, though longer—by No. 479 to Dera Ghazi Khan and thence to Rajanpur by No. 107. |
| | | ROHILLANWALI p-o. b. | 13 | 24 | |
| | | SHAHR-SULTAN 24,200 sq. yds. p-o. | 13 | 37 | A town; supplies on notice; abundant good water from a well near C-G., which is on roadside, N. of town and near police sta.; country woody and uncultivated; road metalled and bridged, suitable for all arms; pass Rampur at 8 m. |
| | | ALIPUR 29,000 sq. yds. p-o. b. | 14 | 51 | A village; supplies on notice; abundant good water from a well; small site for C-G. on level ground S. of village and near road; country as above; road unmetalled, but fair; canals strongly bridged; pass Ghaziantarh at 4 m. |
| | | SITPUR 14,520 sq. yds. p-o. b. | 11 | 62 | A large village; supplies on notice; plentiful good water from wells; site for C-G. on roadside E. of village; country and road as above; canals strongly bridged; pass Kotla Lal Shah at 9½ m. |
| | | DHAKA b. | 20 | 82 | A town; supplies and good water abundant; site for C-G. on level ground W. of the town; country and road as before. From Alipur a road branches off S-W. to Khairpur (p-o.), distant 7 m., and another N-W. to Jatol (p-o.), distant 9 m. |
| | | NURPUR 280 x 80 yds. | 6 | 88 | A town; supplies easily procurable; water rather scarce in hot weather; site for C-G. N. of, and close to, town; country and road as above; canals bridged; the whole of the neighbourhood is covered with date trees, and generally inundated in hot weather. |
| | | RAJANPUR | 10 | 98 | A village; supplies on notice; good water from the Indus and Chenab, the confluence of which is very near; site for C-G. must be arranged for; country and road as in last stage, both generally inundated in summer. |
| | | Total marches, 8 = | | | A small village; supplies on notice; plentiful good water from wells near C-G., site for which is on right of road and near village; country fertile, low and subject to inundation; road unmetalled, but suitable for wheeled traffic when not flooded; cross the Indus on starting, by ferry, 4 large boats and others on notice. From Nurpur a road runs S-W. to Mithankot, distant 12 m. |
| | | 98 m. | | | |

Route No. 509. FROM MUZAFFARNAGAR TO BIJNOR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collr. of Collr. of Muzaffarnagar, Muzaffarnagar, Bijnor. | MORNA. | 14 | 14 | A small village; supplies on notice; plentiful good water from wells; extensive site for C-G. near village; country fairly cultivated; road metalled for first 8 m. only, but bridged and suitable for all arms; all water-channels bridged, and bridges strong enough for guns; pass Alkali at 4½, cross the Ganges canal at 10½, and pass Bhopa at 10½ m. |
| | | BIJNOR Choub. | 15 | 29 | See Route 454. |
| | | Total marches, 2 = 29 m. | | | Country chiefly covered with jungle; road as in latter part of last stage; cross the Ganges about half-way at Roul Ghat, by bridge-of-boats in dry season, by ferry (4 boats, each carrying 400 mds.) in the rains. |

Route No. 510. FROM MUZAFFARPUR TO DARBHANGA. via SIMRI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collr. of East Collr. of West Tirhoot, Darbhanga, Muzaffarpur. | SHARAFUDDINPUR 500 x 350 yds. p-o. | 11 | 11 | A village; supplies on notice; plentiful good water from 2 wells close to C-G., which is N. of road, at the 11th mile-stone, and 800 yds. W. of bazar; country level, open and cultivated; road good and partially metalled; nullahs bridged; cross the Bar Gandak (230 yds. wide, deep and unfordable) en route, by ferry, 2 boats, each carrying 60 men, others on notice. |
| | | SIMRI | 11½ | 26½ | See Route 221. |
| | | DARBHANGA | 8½ | 34 | Country and road as above, but latter is liable to be breached during the rains; cross the Bagmati at 4, by ford in dry season, by ferry (3 boats, each carrying 60 men) in the rains, and the Inkandai, which is a branch of the Bagmati, at 7½ m., by a iron bridge. |
| | | Total marches, 3 = 34 m. | | | See Route 216. Country as above; road as before as far as the Kamla or Chota Bagmati (bridged), which is crossed at 6½ m., thence metalled and bridged. |

Route No. 511. FROM MUZAFFARPUR TO NEPAL (KATMANDU). via MALLAI, MAKWANPUR, AND THE VALLEY OF THE BAGMATI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of West Tirhoot, Muzaffarpur. | RAMPUR HARI 124 x 60 yds. b. | 10 | 10 | A village; supplies on notice; good water, for a battn., from a well 40 yds. W. of, and (for animals) from a tank on S-E. border of, C-G., site for which is E. of road and about 1 m. S. of b.; country open and partially cultivated; road good, partially metalled and bridged; cross the Bar Gandak at 2 m., by a pontoon bridge, and a breach in the road near end of stage, by a temporary diversion in dry season, by a flat-bottomed boat, carrying 20 men, in the rains. |
| | | THUMA | 14 | 24 | A village; supplies on notice; good water, for a battn., from a well 120 yds. N. of, and (for animals) from a tank 50 yds. E. of, C-G., small site for which is 4 m. S-W. of village; country as above; road good, bridged, but liable to be breached during floods; cross the Bagmati at 2 m., by ford in dry season, by ferry (2 boats, carrying 60 men) in the rains, and several other small rivers, by ford or by ferry, en route. |
| | | SITAMARHI. 100 x 80 yds. p-o. t-a. r-s. b. | 14½ | 38½ | A small civil stn.; supplies procurable; plentiful good water from 3 wells, one on, and others close to, C-G., site for which is E. of road, about 1 m. S-W. of town and 120 yds. S. of a tank where animals might be watered; country as before; road unmetalled, but raised and bridged; cross a stream at 18 m., by a masonry bridge, 36 yds. in length. |
| | | RIGHA 260 x 160 yds. r-s. | 9½ | 47½ | A village; supplies on notice; good water, for a battn., from a well on, and (for animals) from a tank 50 yds. N. of C-G., which is W. of and close to village; country and road as in last stage; cross the ry. line near end of stage. |
| | | MALLAI (SONOUL) 108 x 80 yds. | 6 | 53½ | A village; supplies on notice; good water, for a battn., from a well 80 yds. N-W. of C-G., site for which is 1½ m. S. of Mallai, and E. of and adjoining Sonoul village; animals water at the old bed of the Bagmati close by; country and road as above. |
| | | DEAGWANPUR p-o. | 9 | 62½ | A village; supplies procurable; plentiful water from the Chanda Nadi; C-G. in folds round village; country cultivated; road level and good; cross the Bagmati (fordable except after heavy rain) at 6, and ford the Chanda Nadi at 8½ m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Nepalese Territory. | Resident in Nepal, Katmandu. | JUPHYE . . . | 15 | 77½ | A village; no supplies; water procurable; C-G. in fields; country as before; road good. |
| | | NIDJIGARH . . . | 10½ | 88 | A village; no supplies; water procurable; country, after the first mile, jungly; with fine trees; road as above. |
| | | DHARMPUR . . . | 7½ | 95½ | A village; supplies and water procurable; country level and jungly; road practicable for carts; pass Jurgur at 1½ m. |
| | | MAKWANPUR MARI . . . | 10 | 105½ | A small village; no supplies; abundant water from the Karn Nadi; country hilly and jungly; road difficult; cross the Sukti (generally fordable) en route. |
| | | PYNTAR DANDA . . . | 10 | 115½ | A few houses inhabited by watchmen who prevent people passing; no supplies; plentiful water from the Bagmati; country extremely hilly and jungly; road difficult, running up the valley of the Bagmati; pass near Nadhera Choki at 3, Garballahar at 5½, and Lomatar at 7½ m. |
| | | PHERPHING . . . | 10 | 126½ | A large village; supplies procurable; good water from a mountain stream; country and road as in last stage. |
| | | NEPAL (KATMANDU). | 11½ | 137 | See Route 181. Country as before; road tolerably good after leaving the valley of the Bagmati. |
| | | Total marches, 13 = 137 m. | | | |

Route No. 511 (a).
FROM MUZAFFARPUR TO NEPAL (KATMANDU).
 via DHARAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of West Tirhoot, Muzaffarpur. | SANATHI . . . 230 x 100 yds. | 8 | 8 | A village; supplies on notice; good, but limited, water from a well 20 yds. E. of C-G., site for which is E. of road and near Lahsari village; country cultivated, but subject to inundation; road partially bridged but unmetalled, and very difficult in the rains; cross the Bar Gandak (230 yds. between banks) soon after starting, by ferry, 2 boats, each carrying 60 men, and others on notice; the river can also be crossed by a pontoon bridge at Ahraghat, 2 m. higher up stream. |
| | | AMNAUR-ATRA . . . 260 x 200 yds. | 7 | 15 | A village; supplies on notice; good but limited water from a well on C-G., which is on E. side of road at 7th m.; country and road as above; cross the Bagmati R. at 4, by ford in dry season, by ferry (3 boats, each carrying 60 men) in the rains, and the Khanna at 6 m., by ferry. |
| | | RAJKUND . . . 130 x 115 yds. | 7 | 22 | A village; supplies on notice; plentiful good water from 2 wells 20 yds. E. of, and (for animals) from 2 tanks close to, C-G., site for which is W. of road and about ½ m. S. of village; country cultivated with numerous factories about; road as above; cross the Lukhandal at 8 m., by ford in dry season, by ferry (1 boat, carrying 40 men) in the rains. |
| | | NANPUR . . . 200 x 130 yds. | 11 | 33 | A village; supplies on notice; good water, for a battn., from a well close to, and (for animals) from a tank 300 yds. E. of C-G., site for which is at Bahera, about a mile N. of village; country as above; road unmetalled but bridged throughout. |
| | | CHURAUT . . . 600 x 400 yds. | 12 | 45 | A village; supplies on notice; good water from 2 wells 300 yds. W. of C-G., which is S. of road and 200 yds. E. of village; country as above; road as before until the ry. is crossed, thence unbridged and difficult in wet weather; pass Janakpur rd. s. at 8 and Puri, where a road runs S-W. to Darbhanga, distant 28 m., at 4 m.; cross channels in the 6th and 7th m., a ferry-boat at each. |
| | | MIDIANI . . . 130 x 100 yds. | 6 | 51 | A village; supplies on notice; plentiful good water from 2 wells 30 yds. N. of, and (for animals) from a tank close to, C-G., site for which is S. of village; Madwar; country as above; road, an unmetalled and unbridged cart track, passable only in fine weather. |
| | | DHARAMPUR . . . | 18 | 60 | A village on E. bank of Chota Bagmati; supplies procurable; water from the river; site for C-G. in fields round village; country as above; road level and good. |
| | | TULSI CHOKI . . . | 17 | 80 | A few huts in the forest; no supplies obtainable; water from a stream, on both banks of which are spaces for C-G.; country jungly; road for 6 or 7 m. tolerably good, it then enters the bed of a stream and becomes stony and difficult; pass Jolurpati about half-way, when the forest commences. |
| | | MANDI . . . | 11 | 97 | Country mountainous and jungly; road difficult; pass Newatar at about 7 m. |
| | | KURKOT . . . | 10 | 107 | |
| | | JHAGAJHOLI . . . | 9 | 116 | |
| | | DABSHA . . . | 15 | 131 | See Route 181. |
| Nepalese Territory. | Resident of Nepal, Katmandu. | BANEPA . . . | 16 | 147 | |
| | | BHATGAON . . . | 7 | 154 | |
| | | NEPAL (KATMANDU) | 8 | 162 | |
| | | Total marches, 15 = 162 m. | | | |

Route No. 511 (b).
FROM MUZAFFARPUR TO NEPAL (KATMANDU).
via MALLAI, MAKWANPUR AND HETOURA.

| AUTHORITARY. | | Names of stages and size of encamping grounds. | DISTANCE. | | Remarks. |
|---------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. G. Alhabad District, Allahabad. | Collector of West Tirhoot, Muzaffarpur. | RAMPUR HARI | 10 | 10 | See Route 611. |
| | | THUMA | 14 | 24 | |
| | | SITAMARHI | 14½ | 38½ | |
| | | RIGHA | 9½ | 47½ | |
| | | MALLAI (BONOUL) | 6 | 53½ | |
| | | KADARHANA | 5½ | 59½ | A small village and Nepalese anchorage; supplies procurable; plentiful water from wells in, and from the Bagmati, 1 m. E. of village, in fields N. and E. of which is space for encampment; country cultivated; road as above; crosses the Bagmati at 4 m., fordable, except after heavy rain. |
| | | KACHARWA | 13 | 71½ | A large village; supplies procurable; abundant water from the Bokia Nadi, in fields near which, N. and D. of village, is space for C-G.; country and road as in last stage; ford the Lal Baku at 6½, pass Birai at 8½ m., and ford the Bokia at end of stage. |
| | | BARAGARHI | 12 | 83½ | A small village; supplies procurable; plentiful water from the Jamni Nadi ½ m. W. of village, in fields S. and W. of which is space for encampment; country as above; road, an ordinary cart track; pass Bhogwanpur at 2½, ford the Jamni at 7, pass Patra at 8, and ford the Jamni again at 10½ m. |
| | | NIJGHAT | 10 | 93½ | A few huts; no supplies procurable; plentiful water from the Bokia (here called the Barwa) on clearing on right bank of which is site for C-G.; country jungle and well wooded; road as above; ford the Jamni at 3, and again at 2½ m. |
| | | MAHAR | 6 | 99½ | A small village at the foot of the Sukti Kohla pass; no supplies procurable; water in abundance from the Sukti stream; country as before; road, a mere track; pass Ratanpur (a small village in a large clearing in the forest) at 4 m. |
| Nepalese Territory. | Resident in Nepal, Katmandu. | SUKTI KOHLA PASS. | 10 | 109½ | A defile which leads through the Churia range; the road is the bed of the Sukti, a winding course of boulders and rocks, extremely trying to baggage animals of every sort, and practicable only for coolies, elephants and ponies, proceeding sometimes through perpendicular cliffs, at other times across more open ground, but all covered with dense jungle; the ascent is very till near the head of the pass; the road here is very steep and commanded by the ground at the top of the pass which, if occupied, would completely bar the ascent, as the road takes a semi-circular sweep to the W., the soil being of an extremely light, friable nature, a road is easily made, but much heavy traffic or rain would soon destroy it; no supplies procurable; water plentiful from the Sukti stream. |
| | | MAKWANPUR HARI. | 6½ | 116½ | See Route 511. |
| | | HETOURA (BTOUNDA) b. | 6 | 122½ | Country as in last stage; enter the bed of the Sukti at 1, commence to ascend the Churia range at the source of this river at 2½, reach the top of the pass at 4, and ford the Karru at 6 m. (after heavy rain the Karru cannot be crossed). The fort of Makwanpur, on the summit of a mountain, is 3½ m. N.-D. of the village. |
| | | NIMHUTAR b. | 0 | 122½ | A small village on E. bank of the Rapti; supplies procurable; water from the river, near which is a confined site for C-G.; country hilly; road as before; crosses a nullah at 1½, another at 2½, and ford (in dry season) the Karru at 3½ m. There is a considerable bazar and a good deal of cultivation at Hetoura in the cold season, but the place is almost deserted from April to November, on account of the malarious fever. |
| | | BIMPEDI | 5 | 127½ | A small village on W. bank of the Rapti R., elevation 2,600 ft.; no supplies; water from the river, in fields on bank of which and S. of b. is site for C-G.; country mountainous; road, a well made cart-road, along E. bank of Rapti, between wooded mountains, increasing in height; crosses to W. bank by a wooden bridge at 7 m.; river fordable, except after heavy rain. |
| | | SISAGARHI (CHISAPANI) | 1½ | 129½ | A fairly large village S. of Sisagathi range and overlooked by Sisagathi fort, elevation 2,600 ft.; mountains rise abruptly on N.-W. and E.; supplies procurable in small quantities; plentiful water from 2 springs in village, in fields about ½ m. S. of which is site for C-G.; country as above; road, as in previous march, along W. bank of the Rapti, which it crosses by a wooden bridge at 2 m. The source of the river is near village. |
| | | MARKHU b. | 5½ | 135½ | An old and partially ruined fort, held by Nepalese troops, blocking the road to Katmandu over the Sisagathi range, elevation 6,875 ft.; no supplies; water from a spring, ½ m. down the hill, in W. of fort; country as above; the path from Bimpedi is very steep and slippery, covered with loose slats and shale; the mountain side rugged and difficult. |
| | | THANKOT | 8 | 143½ | A village on left bank of the Markhu or Panamni R., elevation 5,625 ft.; no supplies; water from the river, in fields on left bank of which, between Tanabakhani and Markhu, is site for C-G.; country as above; road ascends for 1 m. and crosses the crest of the Sisagathi range at 6,600 ft. above sea-level; then descends 2½ m. by steep gradients to Tanabakhani village; after this the path proceeds along N. bank of the river crossing and recrossing the stream 18 times; there is a foot suspension bridge at Tanabakhani, where a road branches off D. to Pharping. |
| | | | | 151½ | A village at extreme W. end of the Nepal valley, elevation 6,375 ft.; supplies procurable; plentiful water from springs on S. edge of G-G., site for which is an open ground S. of village; country as before; the road leads up the bare slope of Dikdanta hill and over hilly ground into Chitlong valley, which is well cultivated and populated; pass Chitlong, (elevation 6,125 ft.) at 3½ m., where supplies and water are procurable; from here ascent of the wooded Chandra giri range begins, the crest of the pass (elevation 7,700 ft.) being reached in 2 m.; road fair and not very steep; the descent to Thankot, 2 m., is very steep in places, down the bed of a mountain torrent, and in parts down stone steps; there is another track from Chitlong to Thankot by which elephants are taken to Katmandu; it is slightly longer than the direct route and lies to the W. of it. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------|----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Nepalese Territory. | Road, in Nepal, Kathmandu. | NEPAL (KATMANDU). | 8½ | 159½ | See Route 181. Country as before; road, a fairly good unmetalled driving road, crossing several strongly bridged streams. |
| | | Total marches, 19 = 159½ m. | | | |

Route No. 512.
FROM MYMENSINGH TO BOGRA.
via JAMALPUR AND MADARGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|------------------------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Mymensingh, Mymensingh. | BEGAMBARI | 7 | 7 | A small village near the Brahmaputra; no supplies; water from the river, on bank of which is small site for C-G.; country low and swampy; road, 15 to 20 ft. wide, unmetalled and often under water in the rains; cross the Sotua at end of stage, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains. |
| | | PEARPUR | 11 | 18 | A village near the Brahmaputra; supplies on notice; water from the river; small site for C-G. close to b.; country and road as above; nullahs strongly bridged. |
| | | BHAWANIGANJ | 11 | 20 | A village near the old bed of the Brahmaputra; supplies must be collected; abundant water from the river, on waste land on bank of which is small site for C-G.; country, road and nullahs as above. |
| | | JAMALPUR | 7 | 36 | A town and old cantonment, situated in the angle formed by the junction of the Brahmaputra and Jhinai rivers; supplies abundant; water plentiful; C-G. on old parade ground; country and road as above; nullahs strongly bridged. |
| | | 600 x 300 yds. p-o. t.s. b. | | | |
| | Collector of Bogra, Bogra. | BRAHMANPURA | 9½ | 46½ | A village on the Chatthal R.; supplies procurable with difficulty; water from the river, on bank of which is small site for C-G.; country, road and nullahs as above; cross the Jhinai soon after starting, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains. |
| | | MADARGANJ | 10 | 56½ | A village on left bank of the Dankoba; no supplies; water from the river, on bank of which is small site for C-G.; country, road and nullahs as above; cross the Chatthal on starting, by ford in dry season, by ferry (1 small boat) in the rains. |
| | | SARAIKANDI | 9 | 64½ | A village on the Bengali R.; supplies on notice; water from the river, on bank of which is site for C-G.; country as before; road, 16 to 20 ft. wide, unmetalled, bad and nearly impassable during the rains; cross the Dankoba on starting, by ferry, 1 small boat. |
| | | BOGRA | 13 | 77½ | See Route 187. Country and road as above; cross the Bengali on starting, the Sukda at 2, the Ichamati at 5 m., all by ford in dry season, by ferry (1 small boat) in the rains, and the Karatla at end of stage, by ferry. |
| | | | Total marches, 8 = 77½ m. | | |

Route No. 513.
FROM MYMENSINGH TO LANGPUR.
via JAMALPUR, DEWANGANJ AND BHAWANIGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Mymensingh, Mymensingh. Collector of Rangpur, Rangpur. | BEGAMBARI . | 7 | 7 | See Route 512. |
| | | PEARPUR . | 11 | 18 | |
| | | BHAWANIGANJ . | 11 | 29 | |
| | | JAMALPUR . | 7 | 36 | |
| | | PALSA . | 4 | 40 | A small village on right bank of the Jhinai; supplies must be procured from Jamalpur; water from the river; extensive site for C-G. in open fields; country as before; road 15 ft. wide, unmetalled; cross the Jhinai at end of stage, by ford in dry season, by ferry (2 small boats) in the rains, when the river is about a mile wide. |
| | | ISLAMPUR . p-o. | 12 | 52 | A village; supplies on notice; unlimited water from a stream near village; extensive site for C-G. in fields; country under water during the rains; road as before, but almost impassable during the wet season. |
| | | DEWANGANJ . p-o. | 8 | 60 | A large village; supplies on notice; plentiful water from tanks in vicinity of village; extensive site for C-G. in fields; country and road as before; nullah temporarily bridged with bamboo. |
| | | BAHADURABAD . p-o. | 6 | 66 | A small village on left bank of the Brahmaputra; supplies must be collected; water from the river; C-G. in fields; country inundated for the greater part of the year; road as above, only passable during the cold months. |
| | | BHAWANIGANJ . 15,000 sq. yds. | 8 | 74 | A good-sized village on left bank of the Gajuri; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as above; cross the Brahmaputra on starting, by ferry, 8 boats and a steamer. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------|--|-----------|-------|---|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur. | DARIAPUR 100,000 sq. yds. | 9 | 83 | A village on the Manas; supplies on notice; good water from the river, on bank of which and near the market place is C.G.; country and road as above; nullahs bridged, but bridges old and dilapidated. |
| | | KATGARA 20,000 sq. yds. | 13 | 96 | A village close to the Ghagat; supplies on notice; good water from the river, on bank of which and close to b. is site for C.G.; country and road as above; nullahs bridged, but B. weally so. |
| | | ALIKURI | 11 | 107 | A hamlet; no supplies; water from a nullah, but quantity limited in dry season; site for C.G. in open fields near the nullah; country, road and nullahs as above. |
| | | RANGPUR | 11 | 118 | See Route 128. Country and road as above; canals strongly bridged. |
| | | Total marches, 18 = 118 m. | | | |

Route No. 514.

MYMENSINGH TO SYLHET.

via CHHATAK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Mymensingh. | SHANGANJ (DILALPUR) p-o. b. | 14 | 14 | A bazar; supplies on notice; indifferent and limited water from a khal, near which is small site for C.G.; country well cultivated; road metalled for the first 8 m. only, but raised and bridged throughout, suitable for all arms; cross the Brahmaputra on starting by a ferry, 3 boats, each carrying 300 mds. |
| | | NETRAKONA p-o. t-s. b. | 10 | 24 | A village; supplies on notice; water procurable; extensive site for C.G. near b; country as above; road as in latter part of last stage. |
| | | BARSHATTA b. | 8 | 32 | A small bazar; supplies must be collected; abundant good water from a stream; extensive site for C.G. in paddy fields near b; country and road as above; bridges, wooden and unsuitable for artillery; cross a stream en route by ferry, 1 boat carrying 15 men. |
| | | MOHANGANJ p-o. | 7 | 39 | A village near the Samasari; supplies must be collected; good water from the river; C.G. in fields; country and road as above, latter very bad during the rains. |
| | | TELIAGAON | 18 | 62 | A hamlet; supplies must be collected; indifferent water from a nullah and good from a jheel; C.G. in fields; country jungly with occasional cultivation; road bad, almost impassable in the rains; cross 2 unbridged nullahs en route, fordable during the greater part of the year. |
| | | DISHARPASHA 235 x 80 yds. | 10 | 62 | A village; supplies on notice; good water from the Samasari, near which is site for C.G. on open land; country level and cultivated; road an unmetalled narrow track; streams fordable; ford the Samasari at end of stage. |
| | | LAMAGAON 105 x 60 yds. | 12 | 74 | A village; supplies on notice; good water from the Moirang R., on open land S. of which is site for C.G.; country cultivated for first 6 m., thence jungle; road as above; nullahs generally fordable; cross the Patnai at Tahirpur Khela, by ferry, 4 large boats. |
| | | SRIPUR | 7 | 81 | A village; supplies on notice; good water from the Patnai, in open fields on bank of which is small site for C.G.; country cultivated at first, afterwards jungle; no road, only a cold weather narrow track, unsuitable for wheeled traffic; cross the Patnai, towards end of stage, by ford in dry season, by ferry (1 boat) in the rains. |
| | | MOLLAPARA | 14 | 95 | A village with a dispensary; supplies on notice; good water plentiful; site for C.G. in fields; country chiefly jungle; road, a track as in last stage; streams generally fordable. |
| | | SONANGANJ 220 x 220 yds. p-o. t-s. b. | 11 | 106 | A sub-divisional stn.; supplies procurable; plentiful good water from a tank ½ m. N.W. of C.G., which is S. of road; country open and under cultivation; road as before; nullahs (temporarily bridged); cross the Surma, at end of stage, by ferry. |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | DUARABAZAR 230 x 180 yds. p-o. | 8 | 116 | A village; supplies on notice; good water from the Surma R., near which is site for C.G.; country and road as above. |
| | | CHHATAK 216 x 166 yds. p-o. t-s. b. | 14 | 120 | A village; supplies on notice; good water from the Surma R., near which, and 160 yds. S. of police stn., is site for C.G.; country as above; road fair; nullahs, dry in cold weather, crossed by temporary bridges. |
| | | GOBINDGANJ 230 x 150 yds. p-o. b. | 9 | 129 | A village with dispensary; supplies on notice; plentiful good water from a tank, ½ m. E. of which is C.G.; country and road as above. |
| | | SYLHET | 12 | 140 | See Route 171. Country as above; road unmetalled, but practicable for all arms; pass Lamakazi at 8 m. and cross the Surma immediately afterwards, by ferry. |
| | | Total marches, 14 = 150 m. | | | |

Route No. 515.
FROM MYMENSINGH TO TURA, in the Garo Hills,
via SHERPUR-TOWN.

321

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Mymensingh, Mymensingh. | BEGAMBARI . . . | 7 | 7 | } See Route 513. |
| | | PEARPUR . . . | 11 | 18 | |
| | | CHANDRAKONA . . . | 5 | 23 | |
| | | SHERPUR-TOWN p-o. t-s. b. | 10 | 33 | A small bazar; supplies on notice; plentiful good water from a stream, in fields near which is extensive site for C-G.; country open and partially cultivated; road about 15 ft. wide, unmetalled; nullahs bridged; cross the Brahmaputra on starting, by ferry, 1 boat carrying 40 men. |
| | | NALITABARI p-o. b. | 11 | 44 | A town; supplies procurable; unlimited water from a stream and tanks; extensive site for C-G. in fields; country, road and nullahs as above. |
| | | DALU . . . | 8 | 52 | A large bazar; supplies on notice; good water from the Bhui stream; extensive site for C-G. in fields; country, road and nullahs as before; cross the Malijhi at 3 and the Sholong at 8 m., both by ford in dry season, by ferry (2 boats, each carrying 40 men) in the rains. |
| | | KIRARA . . . | 18 | 70 | A large bazar; supplies on notice; unlimited good water from several streams; C-G. in fields; country and road as above, but latter only a fair weather track for last 8 m.; several unbridged nullahs cross the road. |
| | | TURA 120 x 100 yds. p-o. | 18 | 88 | A village; no supplies; water limited and bad; C-G. confined; country mountainous; road, a fair weather track, passable, in the dry season only, by pack animals; streams and nullahs fordable in dry weather. |
| | | Total marches, 8= | | | The largest town in the Garo Hills; supplies on notice; abundant good water from hill streams; site for C-G. on W. side of town and close to a stream; country as above, but jungle; road as before. |
| | | 68 m. | | | |

Route No. 516. FROM NAGODE TO BANDA via KALINJAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. Collector of Banda, Band 1. | SINGPUR . . . 85,600 sq. yds. | 0 | 0 | A large village; supplies on notice; good water from 2 wells in vicinity of C-G, which is W. of road, opposite 8th m.; country partially cultivated; road metalled and bridged; cross the Sutra stream at 6½ m. by causeway, impassible in flood. |
| | | PAHARIKHHERA . . . 800 × 200 yds. b. | 11½ | 20½ | A village; supplies on notice; good water from 3 wells some 300 yds. S-W., N-E. and D., respectively, of C-G., latter being ¼ m. S-E. of village; country hilly and jungly, with exception of 1st m.; road unmetalled, but raised and bridged; two small causeways are crossed, which, in wet weather, would be difficult for carts. |
| | | KOHARI . . . (i) 150 × 70 yds. (ii) 140 × 40 yds. | 10½ | 31½ | A small village; supplies scarce; good water from Kohari stream; C-G. about 600 yds. N-W. of village; road generally unmetalled, but raised and bridged; cross the Paharikhera stream by causeway. |
| | | KALINJAR . . . 200 × 200 yds. p-o. b. | 7 | 38½ | A town; supplies plentiful; abundant good water from 3 wells in the vicinity of C-G., which is ¼ m. S-E. of town; country as above; for about the first 4 m., road a mere track and difficult for carts; causeway over the Kohari stream. |
| | | PANGARA . . . | 15½ | 53½ | Country cultivated; road unmetalled throughout and raised and bridged only for the last 2½ m.; cross the Bagain stream at 10 m. by ford in dry season ferry (1 boat carrying about 40 men, but not cattle) in the rains. |
| | | GIRWAN . . . | 8 | 61½ | See Route 79. |
| | | BANDA . . . | 12 | 73½ | For other remarks see Route 29 |
| | | Total marches, 7 = 73½ m. | | | |

Route No. 517. FROM NAINI TAL TO RANIKHET.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Deputy Commissioner of Kumaon, Almora. | BIHUJAN . . . | 12½ | 12½ | A small village; supplies on notice; good water from the Kosi R., near which, and close to village about 1½ m. beyond Khairna dakh., is small site for C-G.; country hilly and partially cultivated; road, a hill track to Ratighat, 7 m., ascending steeply for first mile, then descending for 6 m., where it joins the cart-road, thence fairly level; cross a stream at Ratighat, by ford, and the Kosi at 11 m., at Khairna, by an iron girder bridge, where a road from Almora, distant about 18 m., joins in. |
| | | RANIKHET . . . | 13½ | 25½ | See Route 45. Country as above; road as in latter part of last stage; pass Damsyan at 8½ m. |
| | | Total marches, 2 = 25½ m. | | | |

Route No. 518. FROM NOWGONG TO ACHNERA RAILWAY STATION. via CHHATARPUR, PANNA AND NAGODE.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. Political Agent in Bundelkhand, Sutra. | CHHATARPUR . . . | 14½ | 14½ | See Route 150. For other remarks see Route 308. |
| | | BASARI . . . 300 × 150 yds. | 10½ | 25½ | A fair-sized village in Chhatarpur territory; supplies on notice; plentiful good water from 2 wells close to C-G., which is S. of road and about ½ m. S-W. of village; country undulating with low jungle and little cultivation; road metalled and bridged; pass Gunwara at 8½ and Bichpura at 6 m. |
| | | KISARGANJ . . . 280 × 180 yds. | 10½ | 35½ | A small village in Chhatarpur territory; supplies on notice; plentiful good water from 2 wells close to C-G., which is S. of road and about 1 m. N. of village; country and road as above; pass Ganj (good site for encampment here) at 5 and Pahari at 8 m. |
| | | MARLA . . . 140 × 120 yds. 150 × 100 yds. | 9½ | 45½ | A small village in Panna state; supplies on notice; good water from a well in bazar and the Ken R., E. of which, and of village, is a good site for C-G.; country and road as above; cross the Ken towards end of stage, by a causeway in dry season, by ferry (2 large and 2 small boats) in the rains. |
| | | PANNA . . . | 10½ | 56½ | Country rocky; hills covered with jungle; road as before, but it rises 600 or 700 ft. |
| | | PARARIATOLA . . . | 11½ | 71½ | See Route 70. |
| | | NAGODE . . . | 12 | 83½ | For other remarks see Route 33. |
| | | MANDHA . . . | 10½ | 93½ | See Route 308. |
| | | ACHNERA RY. STN. | 9½ | 108½ | |
| | | Total marches, 9 = 108½ m. | | | |

Route No. 519.
FROM NOWGONG TO BANDA.
via MAHOBA AND KAHRAI.

323

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Unndekhand Distdied, Agra. | Colr. of Pol. Agent in Banpur, Bundelkhand, Banpur, Nowgong. | DOHNI . 370 x 370 yds. b. | 11 | 11 | A small village; supplies scarce; good water from a well in b. compound; C-G. W. of road and ½ m. from village; country slightly undulating and partially cultivated; road good, metalled and bridged; pass Laghasi (good site for encampment) at 8½ m. |
| | | SRINAGAR . | 12 | 23 | |
| | | MAHOBA . | 9½ | 32½ | |
| | | KABRAI . | 11½ | 43½ | |
| | | MATAUNDH. | 10½ | 54½ | |
| | | BANDA . | 12½ | 67 | |
| | | Total marches, 6 = 67 m. | | | |
| See Route 150. Country and road as above; pass Aitrar at 6½ m. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route 29. | | | | | |

Route No. 520.
FROM NOWGONG TO LALITPUR.
via TIKAMGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Nowgong. | BURRA 400 x 200 yds. | 0 | 0 | A small village in the Charkhari state; supplies on notice; plentiful good water from 4 wells in vicinity of C-G., site for which is S. of village and 200 yds. from a stream; country partially cultivated; pass the villages of Chondora and Purana, and cross two running streams, with broken approaches, en route. |
| | | DEHRI . . . | 12 | 21 | A fair-sized village in the Tehri territory; supplies on notice; plentiful water from a large tank, near which and W. of village is site for C-G., with a dilapidated well E. of it; country undulating with partial cultivation; road ill-defined, difficult and impassable in rains; cross the Dhasan (ford for bullock-cart, S-W. of Achat village, 600 yds. broad, and boulders, impassable after heavy rain) at 6 and pass Dadgaon at 8 m. |
| | | KARGAPUR . 200 x 180 yds. | 9½ | 30½ | A village in Tehri; supplies on notice; plentiful good water from 2 wells close to C-G., which is S. of village and N-W. of the Sandni stream; country slightly hilly; road ill-defined, over broken and uneven ground, difficult for carts at any time, impassable in rainy season; ford the Sandni stream (dry in hot season) at 8 m. |
| | | BALDEOGARH p-o. | 7½ | 38½ | A small town in Tehri; supplies on notice; plentiful good water from 2 wells near small C-G., site for which is about 1 m. N. of village and W. of road; country and road as in last stage. |
| | | TIKAMGARH (TEHRI). | 15 | 53½ | Country open, with small isolated hills; road as above; pass Lervari at 4, ford a stream at 6, and pass Farna at 7 m. See Route 355(a). |
| | | MAHRONI . . . | 13½ | 66½ | |
| | | KHITWAS . . . | 11½ | 78 | A moderate-sized village; supplies on notice; good water from a well; no regular C-G., but plenty of space available ½ m. from village; country level and cultivated; road metalled and bridged and in good repair. |
| | | LALITPUR . . . | 12½ | 90½ | See Route 355. Country and road as above; pass Mirchwar at 4½ m. There is another road to Lalitpur from Tehri making the following stages:— Tehri to Banpur . . . 6½ m. Gungarnam . . . 9½ m. Lalitpur . . . 13½ m. |
| Deputy Commissioner of Lalitpur. | | Total marches, 8 = 90½ m. | | | |

Route No. 521.
FROM NOWGONG TO ORAI.
via MAU AND SAIDNAGAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | By Commr. Pol. Agt. in Jhansi, Bundelkhand, Jhansi, Nowgong. | ALIPURA . . . | 10½ | 10½ | See Route 853. For other remarks see Route 313. |
| | | KOTRA . . . | 6½ | 16½ | |
| | | MAU . . . | 7½ | 23½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|-------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agm. | Dr. Commissioner of Jhansi, Jhansi. | RAIWAN 280 x 200 yds. p-o. b. | 9 | 32½ | A small village; supplies on notice; plentiful good water from wells, and (for animals) from a stream near C.G., which is 250 yds. S. of village; country cultivated; road good in dry weather; in the rains the Bunkri is crossed by the bridge 2 m. E. of Mau, approached by a branch metalled road, in fair weather by a causeway on the main road through the town. |
| | | PANDWAHA 250 x 200 yds. p-o. b. | 7 | 30½ | A village; supplies on notice; plentiful good water from a well near old tabali, and others in village, close to which is site for C.G., country as above; road bridged but unmetalled and bad in rains; cross the Pakhira (fordable in dry weather) en route. |
| | | GURSARAI 27,690 sq. yds. p-o. b. | 11 | 50½ | A town commanded by a high fort; supplies and camel-grazing plentiful; abundant good water from wells (a few brackish) in vicinity of C.G., site for which is 200 yds. E. of town; country and road as above. |
| | | DAKNESAR 200 x 200 yds. p-o. b. | 7½ | 58½ | A village; supplies on notice; plentiful good water from a large well W. of C.G., site for which is near village; country and road as above; nullahs unbridged, but generally fordable; pass Garwai at 5 m. |
| | | SAIUNAGAR 800 x 250 yds. | 10 | 68½ | A large village; supplies and camel-grazing abundant; plentiful good water from wells on and near C.G., which is W. of road and N. of village; country as above; road, neither metalled nor bridged, with numerous nullahs; cross the Betwa during the last half of the march, by ferry, 1 boat carrying about 30 men. |
| | | ORAI | 12 | 80½ | See Route 149. |
| | | Total marches, 0 = 80½ m. | | | Country and road as above. An easier, though much longer, route from Saidnagar to Orai is via Ait (p-o. r-a.), 0 m., thence to Orai, 14 m., by the Cawnpore-Jhansi metalled road. |

Route No. 521(a).
FROM NOWGONG TO ORAI.
via MAU, IRICH AND PUNCH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agm. | Pol. Agt. in Bundelkhand, Nowgong. | ALIPURA | 10½ | 10½ | See Route 353. |
| | | KOTRA | 5½ | 16½ | |
| | | MAU | 7½ | 23½ | For other remarks see Route 313. |
| | | RAIWAN | 0 | 32½ | |
| | | PANDWAHA | 7 | 39½ | See Route 521. |
| | | GURSARAI | 11 | 50½ | |
| | Dr. Commr. of Jhansi, Orai. | IRICH 100 x 100 yds. p-o. b. | 13 | 63½ | A village near right bank of the Betwa; supplies on notice; good water from 2 wells near, and (for cattle) from a tank 250 yds. from C.G., site for which is close to road and 1 m. from village; country level, and chiefly cultivated; road unmetalled and bad; nullahs, unbridged, but generally fordable; pass Farida at 4½ and Likil at 0½ m. |
| | | PUNCH | 4½ | 67½ | |
| | | JAKHOLI | 0½ | 77 | See Route 140. |
| | | GIRTHAN | 10½ | 87½ | |
| | | ORAI | 0½ | 90½ | |
| | | Total marches, 11 = 96½ m. | | | |

Route No. 522.
FROM NOWGONG TO PHAPHUND RAILWAY STATION.
via MAU AND JALAUN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|------------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand Dist., Agm. | Pol. Agt. in Bundelkhand, Nowgong. | ALIPURA | 10½ | 10½ | See Route 553. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dy. Commr. of Jhansi, Jhansi. Deputy Commissioner of Jhansi, Ordi. Colr. of Bawleh, Bawleh. | KOTRA . . . | 5½ | 16½ | } See Route 353. For other remarks see Route 313. |
| | | MAU . . . | 7½ | 23½ | |
| | | RAIWAN . . . | 9 | 32½ | |
| | | PANDWAHA . . . | 7 | 39½ | } See Route 521. |
| | | GURSARAI . . . | 11 | 50½ | |
| | | DAKNESAR . . . | 7½ | 58½ | |
| | | SAIDNAGAR . . . | 10 | 68½ | } A village; supplies plentiful; abundant good water from 2 wells on C-G., which is N. of village; country and road as above; cross the Cawnpore-Jhansi road at about 9 m. |
| | | HARDOI . . . | 12 | 80½ | |
| | | 210 × 180 yds. | | | |
| | | JALAUN . . . | 10 | 90½ | } See Route 152. Country and road as above. |
| | | HADRUKH . . . | 8 | 98½ | |
| | | KATHAUND . . . | 7½ | 106½ | |
| | | AURAIYA . . . | 9 | 114½ | } See Route 354. For other remarks see Route 30. |
| | | PHAPHUND RY. STN. | 12 | 126½ | |
| | | Total marches, 14 = 129½ m. | | | |

Route No. 523.
FROM NOWGONG (ASSAM) TO CACHAR OR SILOCHAR.
 via DOBOKA AND GUNJONG.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Nowgong, Nowgong. Deputy Commissioner of Cachar, Silchar. | KOTIATALI . . . 500 × 400 yds. p-o. b. | 12 | 12 | } A village; supplies must be collected; plentiful good water from a well on N. side of C-G., site for which is on high land S. of b., the grass-jungle would have to be cleared away; country flat, open and cultivated; road, 10 to 15 ft. wide, unmetalled, but bridged and practicable for all arms; cross the Naoi Nadi about half-way. |
| | | DOBOKA . . . b. | 12 | 24 | |
| | | LANKA . . . p-o. r-s. b. | 14 | 38 | } A village; supplies procurable in small quantities; indifferent limited water from an iron well near r-s.; extensive site for C-G. S. of the ry. line, but it would have to be cleared of jungle; country dense grass and tree-jungle and inundated in the rains; road, a bridle-path, 8 ft. wide, practicable for carts in dry weather; nullahs temporarily bridged with bamboo; cross the Jamuna on starting, by a small ferry. |
| | | DIYANG MUKH . . . b. | 10 | 48 | |
| | | KATTA . . . | 12 | 60 | } A halting place; no supplies; indifferent water from a stream, near which an extensive site for C-G. could be cleared; country undulating and hilly, covered with dense tree-jungle; road, a 6-ft. jungle path; nullahs temporarily bridged or fordable; cross the Diyang en route by a small ferry. |
| | | BANDHA . . . b. | 14 | 74 | |
| | | DEHANGI . . . b. | 14 | 88 | } A small village; no supplies; good water from the Diyang, on bank of which is a small cleared site for C-G.; country hilly and covered with jungle; road, an 8-ft. bridle-path, ascending and descending continually, gradients steep in places; cross the Langlai (generally fordable) at 10 m. |
| | | GUNJONG . . . | 9 | 97 | |
| | | BERALANGDISA . . . | 9½ | 106½ | } Country, road and gradients as in last stage; cross the Diyang on starting, by ford in dry season, by ferry (4 small boats) in the rains. |
| | | HAFLONG . . . | 8 | 114½ | |
| | | BANKU . . . | 9 | 123½ | } See Route 120. |
| | | HARANGAJU . . . | 8 | 131½ | |
| | | LORGHESA . . . | 11 | 142½ | |
| | | BARKOLA . . . | 9 | 151½ | } A small cantonment and civil stn. on S. bank of the Barak; supplies on notice; good water from the river; C-G. on the parade ground. |
| | | CACHAR or SILOCHAR . . . 800 × 300 yds. p-o. t-s. b. | 10 | 161½ | |
| | | Total marches, 15 = 161½ m. | | | |

Route No. 524. FROM NOWGONG (ASSAM) TO TEZPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--|---|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. Dr. Commr. of Darrang, Nowgong. Tezpur. | Deputy Commissioner of Nowgong, Tezpur. | RUPAHI | 7½ | 7½ | A village on the Rupahi stream; no supplies; abundant good water from the stream, N. of which is extensive site for C-G; country level and partially cultivated; road 1½ ft. wide, unmetalled, but practicable for all arms; nullahs and stream bridged, but some only temporarily so, cross the Kalang soon after starting, and the Rupahi at end of stage, by ferry. |
| | | LAKHOA | 10 | 17½ | A village on left bank of a branch of the Brahmaputra; no supplies; good water from the river, but in dry season wells would have to be sunk in the bed of the river, S. of which is a spacious site for C-G, covered with grass jungle; country dense reed-jungle; road 8 to 14 ft. wide, unmetalled, but suitable for all arms, nullahs and streams as above. During the rains troops can proceed from Nowgong down the Kalang, to the Brahmaputra. |
| | | TEZPUR | 5 | 22½ | See Route 200. |
| | | Total marches, 3 = 22½ m. | | | Country under water from June to September; in the cold weather a road is carried for 2 m. across "ohar" land to the bank of the Brahmaputra opposite Tezpur, where a ferry (carrying 30 men) can be obtained on previous notice. |

Route No. 525. FROM NOWSHERA TO ABAZAI. via TURANGZAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | NISATHA 600 x 170 yds. b. | 14 | 14 | A village situated near the junction of the Kabul and Swat rivers; supplies on notice; plentiful water from wells in vicinity of C-G, which is 1½ of the Swat R. and about ¼ mile N. of village; country level, open and sparsely cultivated; road metalled for first 2 m. only, but good throughout except just beyond Nisatha, 5½ m. where it is rough; cross the Kabul R. (180 yds. wide) on starting, by bridge-of-boats. |
| | | TURANGZAI 110 000 sq. yds. p-o. | 9½ | 23½ | A village; supplies on notice; plentiful water from a nullah near C-G, which is 1½ of road, immediately after passing village; country open and fairly cultivated; road unmetalled but good; pass near Gharsada (p. o. t. s.) at 4 and Utmanzi at 7½ m. |
| | | ABAZAI | 11½ | 34½ | See Route 438. |
| | | Total marches, 3 = 34½ m. | | | Country and road as in last stage; nullahs only difficult after heavy rain; pass Tangi (p-o.) at 7½ m. |

Route No. 526. FROM NOWSHERA TO CHIRAT. via JALUZAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | PUBBI | 11½ | 11½ | See Route 266. |
| | | JALUZAI 16,000 sq. yds. | 8 | 19½ | A large village; supplies on notice; forage and fuel procurable; plentiful good water from 1 large and 3 small wells in vicinity of C-G, site for which is about 1½ m. S. of village; country partially cultivated; road metalled and suitable for all arms; there is another and shorter road to Jaluzai from Nowshera, but it is narrow and stony. |
| | | SHANKOT p-o. | 4½ | 24 | A small hamlet; supplies must be collected; plentiful water from a nullah S. of C-G, site for which is on cultivated land near village; country sparsely cultivated; road metalled for first 3 m. only, but suitable for all arms throughout; cross a deep nullah at 1½ m. |
| | | CHIRAT 66,000 sq. yds. p-o. t-s b. | 8 | 32 | A military sanitarium; supplies on notice; plentiful good water, carried by mules, from Chapri, about 3 m. from, also from a spring 200 yds. W. of, C-G, which is on sloping ground S. of the tonga road; country wild and hilly, road, only a track, with steep ascents and descents, practicable, but very difficult for animals; it follows the bed of a nullah for 1½ m. zigzag for 2 m., then, through a wild country; pass Chapri at 4 and the Commr. camp at 5 m. whence the ascent to Chirat is by a good road. |
| | | Total marches, 4 = 32 m. | | | |

Route No. 527.
FROM NOWSHERA TO KOHAT.
via JALUZAI AND THE KOHAT PASS.

327

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | G. O. C. Peshawar District, Peshawar. | PUBBI . . . | 11½ | 11½ | See Route 206. |
| | | JALUZAI . . . | 8 | 19½ | See Route 526. |
| | | FORT MACKESON . . . | 19 | 38½ | A small isolated fort 60 yds. square, known by the natives as Kishangarh; supplies on notice; good water from a stream ½ m. E. of, and indifferent water from a well in, the fort, S. of which is suitable site for C-G.; country dry and barren; road a mere track for first 7 m., then fair; pass Ispinhak at 4, and Shamshattu at 7 m. |
| | | KOHAT . . . | 17½ | 56 | |
| | | Total marches, 4 = 56 m. | | | |

Route No. 527(a).
FROM NOWSHERA TO KOHAT.
via THE KANNAKHEL AND PALOSI PASSES.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | G. O. C. Peshawar District, Peshawar. | KANNAKHEL 10,000 sq. yds. | 12 | 12 | A small village situated in the middle of the pass; supplies must be collected; water good, but scarce, a small spring S. of village being the only source of supply, would suffice for 1 battn.; only available site for C-G. in a dry nullah; at Amir, 3 m. beyond, over the <i>kotal</i> , there is more space; country undulating; road stony and difficult, but practicable for laden animals. |
| | | GARU . . . | 10 | 22 | |
| | | LAKH TALAO . . . | 12 | 34 | A village; supplies on notice; plentiful water from 10 wells and 3 springs in vicinity of village; ample waste land available for C-G.; country hilly, wild and barren; road, practicable for laden camels, for 2 m. tolerably good, running along the bed of a nullah, it then crosses the Kannaikel Kotal and descends for 2 m. to another nullah, along which it runs for some distance then through the Khwarra to Garu. |
| | | JABAR . . . | 12½ | 46½ | |
| | | GUMBAT . . . | 12 | 58½ | See Route 61. For other remarks see Route 61. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Kohat, Kohat. | KOHAT . . . | 16 | 74½ | |
| | | Total marches, 6 = 73½ m. | | | See Route 5. |

Route No. 528.
FROM NOWSHERA TO MARDAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dy. Commr. of Peshawar, Peshawar. | MARDAN . . . | 16½ | 16½ | See Route 6. Country undulating, with cultivation near the villages; road good, raised, metalled and bridged, except the Kabul which is crossed on starting, by ferry or bridge-of-boats; at 3 m., at Marble Rocks, road enters a small defile; pass Rashaki at 9 m. |
| | | Total marches, 1 = 16½ m. | | | |

Route No. 529.
FROM ORAI TO BANDA.
via JALALPUR.

| AUTHORITIES | | Name of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|--------------------------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles | Total. | |
| G. O. C. Bundelkhand District, Agra. | Dy. Commr. of Jalaun, Oran. | KARMER . . . 250 x 120 yds. | 6 | 6 | A village; supplies on notice; good water from a well (35 ft deep) on C-G, which is N. of road and 800 yds. E. of village; country flat and open; road unmetalled and impracticable for wheeled transport during the rains. |
| | | PARASSAN . . . | 10 | 16 | A fair-sized village; supplies on notice; good water, for a tank, from a well near village, E. of and close to which is site for C-G.; country and road as above. |
| | Collector of Hamirpur, Meerut. | JALALPUR . . . | 10 | 26 | Country as above; road, an unmetalled track, much cut up by nullahs and difficult for wheeled traffic at any time, impassable in wet weather; pass Chundars at 6 m. and cross the Betwa at end of stage, by ford in dry season, by ferry (2 boats, each carrying 30 men) in the rains. |
| | | BEWAR . . . | 13 | 39 | See Route 76 |
| | | MAUDHA . . . | 13 | 52 | |
| | | SISOLAR . . . | 9 | 61 | For other remarks see Route 76. |
| | | BANDA . . . | 15 | 76 | |
| | Collr. of Bund., Bareilly. | Total marches, 7 = 76 m. | | | |

Route No. 530.
FROM PABNA TO BOALIA (RAMPUR-BAULEAH).
via LALPUR.

329

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Pabna, Pabna. Collector of Rajshahi, Boalia. | DASURIA . . . | 12 | 12 | A large village; supplies easily procurable; indifferent water, for a battn., from tanks in the vicinity; site for extensive C-G. in fields, when not flooded; country very low and inundated in the rains; road, 16 ft. to 20 ft. wide, unmetalled but raised and good, suitable for carts; cross the Isamati on starting, by ford in dry season, by ferry (country boats) in the rains. A village near right bank of the Ganges; supplies on notice; water from the river, in fields on bank of which is site for spacious C-G.; country and road as above; nullahs bridged; pass Sadipur at 5 m. A small village; supplies on notice; water, scarce in dry season, from a tank on the roadside near small site for C-G.; country and road as above. Country level and cultivated; road and nullahs as above; cross the Barral at end of stage, by ford in dry season, by ferry (1 boat, but others on notice) in the rains. See Route 368. For other remarks see Route 167. |
| | | LALPUR p-o. . . | 12 | 24 | |
| | | CHATARI . . . | 11 | 35 | |
| | | SARDA . . . | 10 | 45 | |
| | | BOALIA (RAMPUR-BAULEAH.) Total marches, 5 = 67 m. | 12 | 57 | |

Route No. 531.
FROM PABNA TO BOGRA.
via SHAHZADPUR, SIRAJGANJ AND SHERPUR.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|-------------------------------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bogra, Bogra. Collector of Pabna, Pabna. | ATAIKOLA . . . p-o. | 12 | 12 | A village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. in fields; country very low and subject to inundation; road unmetalled, but bridged and suitable for carts; cross the Isarnati (fordable except after heavy rain) at end of stage. |
| | | DHULAURO . . . | 7 | 19 | A small village; supplies on notice; plentiful good water from wells in the vicinity; fields for C-G.; country and road as above, latter sometimes broken by high floods. |
| | | SHAHZADPUR . . . p-o, t-s. | 10 | 29 | A large village; supplies procurable; plentiful good water from wells in the vicinity; C-G. in fields; country as above; road a mere track about 8 ft. wide; cross the Barral at 4 and again at Ramkantpur at 6 m., by ferry (3 country boats) at each crossing. |
| | | JAMTOEL . . . | 16 | 45 | A village; supplies on notice; plentiful good water from adjacent wells; C-G. in fields; country and road as above; cross the Phuljori R., at Nobipur ferry, at about 5 m. |
| | | SIRAJGANJ . . . | 7 | 52 | Country as before; road, 16 ft. wide, unmetalled, but raised for half the distance thence a mere fair weather track. |
| | | CHANDAIKONA . . . | 15 | 67 | See Route 167. |
| | | SHERPUR . . . | 12 | 79 | |
| | | BOGRA . . . | 13 | 92 | |
| | | | | Total marches, 8 = . 92 m. | |

Route No. 532.
FROM PABNA TO FARIDPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Presidency, Faridpur. Pabna. | SUJAINAGAR . . . | 18 | 18 | A village; supplies on notice; plentiful water from wells and tanks; spacious site for C-G. in fields, when not under cultivation; country low and subject to inundation; road, 16 to 20 ft. wide, neither metalled nor bridged. A village; supplies on notice; plentiful water from wells and tanks; C-G. in fields; country as above; road as before for the first 3 m., thence a mere track; the Ganges is crossed near Nazirganj by large ferry. Belgubhi r-s. is close to the ghāt. Country as above; road bad and frequently flooded. See Route 109. |
| | | NAZIRGANJ . . . | 12 | 26 | |
| | | BITHILA . . . | 8 | 33 | |
| | | NIMTALA . . . | 8 | 41 | |
| | | FARIDPUR . . . | 8 | 49 | |
| | | Total marches, 5 = 40 m. | | | |

Route No. 538.
FROM PABNA TO GOALPARA.
via SHAHZADPUR, SIRAJGANJ, JAMALPUR AND MAHENDRAGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Pabna, Pabna. | ATAIKOLA . . . | 12 | 12 | See Route 531. |
| | | DHULAURO . . . | 7 | 19 | |
| | | SHAHZADPUR . . . | 10 | 29 | |
| | | JAMTOEL . . . | 16 | 45 | |
| | | SIRAJGANJ . . . | 7 | 52 | |
| | Collector of Mymensingh, Mymensingh. | SUBARNAKHALI . 300 x 200 yds. p-o. t-s. | 11½ | 63½ | A large village near the Jamuna; supplies plentiful; good water from the river, near which, and 400 yds. N.-W. of village, is C-G.; country low and inundated in rains; road, 15 ft. wide, unmetalled, but passable for all arms in dry season; cross the Jamuna soon after starting, by ferry, 2 boats, one carrying 400 and the other 200 mds. The river is about 6 m. broad in the rains, and half that width in the dry season. |
| | | PINGNA . . . 300 x 200 yds. p-o. t-s. | 6 | 69½ | |
| | | SAHSABARI . . . 400 x 40 yds. | 9 | 78½ | |
| | | HAJIPUR . . . 100 x 100 yds. | 6 | 84½ | |
| | | JAMALPUR . . . | 7 | 91½ | |
| | | SHERPUR-TOWN . . . | 10 | 101½ | |
| | | SHAMBHUGANJ . . . 630 x 630 yds. p-o. | 12 | 113½ | |
| | | MAHENDRAGANJ . . . p-o. b. | 8 | 121½ | |
| | | MANKACHAR . . . 10,000 sq. yds. p-o. t-s. b. | 14 | 135½ | |
| | | KHAKABADHA . . . 10,000 sq. yds. b. | 12½ | 148 | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Goalpara, Dibrui. | HAJA HAT . . . 15,000 sq. yds. b. | 7 | 155 | A village; supplies scarce; good water from a masonry well (diameter 4 ft.); suitable site for C-G. near b.; country and road as above; nullahs temporarily bridged with bamboo; cross the Jinjiram on starting, by small ferry; pass Singunari village en route. |
| | | SALWARA-SOUTH . . . 10,000 sq. yds. p-o. b. | 0 | 164 | |
| | | FAKIRGANJ . . . 20,000 sq. yds. p-o. | 6½ | 170½ | |
| | | JAMADARHAT . . . | 6 | 176½ | |
| | | LAKHIPUR . . . | 18 | 189½ | |
| | | BAIDA . . . | 9½ | 199 | |
| | | AGIA . . . | 10½ | 209½ | |
| | | GOALPARA . . . | 8½ | 217½ | |
| | | Total marches, 28 = 217½ m. | | | |
| | | | | | See Route 165. |

Route No. 534.
FROM PABNA TO MYMENSINGH.
 via SHAHZADPUR, SIRAJGANJ AND SUBARNAKHALI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Pabna, Pabna. | ATAIKOLA . . . | 12 | 12 | See Route 531. |
| | | DHULAUJI . . . | 7 | 19 | |
| | | SHAHZADPUR . . . | 10 | 29 | |
| | | JAMTOEL . . . | 16 | 45 | |
| | | SIRAJGANJ . . . | 7 | 52 | |
| | Collector of Mymensingh, Mymensingh. | SUPARNAKHALI . . . | 11½ | 63½ | For other remarks see Route 167. |
| | | GOPALPUR . . . 9,000 sq. yds. p-o. t-s. | 7½ | 71 | See Route 533. |
| | | MADHUPUR . . . 80,000 sq. yds. p-o. | 7½ | 78½ | A village; supplies on notice; fair water from a stream, ½ m. N. of which, and in fields about ½ m. from village, is site for C-G.; country well cultivated and level; road, 15 ft. wide, unmetalled; nullahs strongly bridged, and streams fordable in dry season, small forries in the rains. |
| | | GABTALI . . . 200x100 yds. | 11 | 89½ | A small town; supplies on notice; good water from the Bansai, near which, and ½ m. S-E. of village, is C-G.; country, road and nullahs as above. |
| | | MUKTAGACHA . . . 400x400 yds. p-o. t-s. | 8 | 97½ | A town; supplies plentiful; tolerably good water from tanks near police stn. and 200 yds. from C-G., which is in paddy fields S. of road and close to village; country open and well cultivated; road, 22 ft. wide, metalled and suitable for all arms. |
| | | MYMENSINGH . . . | 11 | 108½ | See Route 170. |
| | | Total marches, 11 = 108½ m. | | | Country and road as in last stage. |

Route No. 535.
FROM PACHMARHI* TO PIPARIA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbudda District, Jubbulpore. | Deputy Commissioner of Hoshangabad, Hoshangabad. | PAGARA . . . 380x230 yds. | 7½ | 7½ | A small village; supplies from Pachmarhi on notice; plentiful good water from springs, one being S. of C-G., which is W. of road and N. of village; country hilly and jungly; road metalled and good; gradients easy. |
| | | MATKULI . . . 300x250 yds. p-o. b. | 10 | 17½ | A fair-sized village; supplies on notice; plentiful good water from a well S. of C-G., which is E. of village and about ½ m. N. of the Danwa R.; country rough and jungly; road, 16 ft. wide and metalled; the descent to the plain is steep, in some places from 1 in 12 to 1 in 15; pass Singanama (h.) at 6 m. then over a low ridge of hills, not difficult, and cross the Danwa (submerged bridge) near end of stage. |
| | | DUKRIKHERI . . . 400x250 yds. | 7½ | 25 | A small village; supplies on notice; good water, for 2 bottns, from a well S. of C-G., which is E. of road and village; country cultivated near Matkuli, afterwards jungly and undulating; road as above. From Dukrikheri an unmetalled cart-road runs N-W. to Sohagpur, on the Jubbulpore-Hoshangabad road, distant 12½ m. |
| | | PIPARIA . . . 400x250 yds. p-o. t-s. r-s. b. | 7 | 32 | A village and small r-s. on the G. I. P. Ry.; supplies on notice; plentiful good water from 2 wells near, and a stream ½ m. E. of C-G., which is E. of road, and 100 yds. S-E. of h.; country undulating and cultivated; road as above. Piparia is about a mile S. of Haktas on the Jubbulpore-Hoshangabad road, and Bankheri r-s., on the same road, is connected with Piparia by a good unmetalled road, 12½ m. long. |
| | | Total marches, 4 = 32 m. | | | * For a road from Pachmarhi to Kempter, see Bombay Route Book 215. |

Route No. 536.
FROM PACHMARHI TO SOHAGPUR.
 via DUKRIKHERI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbudda District, Jubbulpore. | De. Commr. of Hoshangabad, Hoshangabad. | PAGARA . . . | 7½ | 7½ | See Route 535. |
| | | MATKULI . . . | 10 | 17½ | |
| | | DUKRIKHERI . . . | 7½ | 25 | |
| | | SOHAGPUR . . . | 12½ | 37½ | See Route 365. |
| | | Total marches, 4 = 37½ m. | | | Country open and cultivated; road a good unmetalled cart-road; nullahs fordable in dry weather only. |

Route No. 537.
FROM PESHAWAR TO CAMPBELLPUR.
via THE KANNAKHEL PASS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Dr. Commissioner of Peshawar, Peshawar. | UMAR PAYAN . . . | 11 | 11 | A large village; supplies on notice; plentiful good water from wells, and (for animals) from a stream near O-G., site for which is close to village; country level and cultivated as far as Pandin (6 m.), thence a stony plain; road unmetalled, but good and suitable for wheeled traffic; pass through Kabul gate of Peshawar city, and leave it by Ganj gate at 8½, cross a branch of the Bara (always fordable) at 6, and the river itself at 7, by bridge 800 yds. below ford, pass Bala at 9 m. and cross a nullah (fordable) immediately afterwards. |
| | | JALUZAI . . . | 6½ | 17½ | |
| | | KANNAKHEL . . . | 12½ | 30 | |
| | | KAHI . . . | 10 | 40 | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Kohat, Peshawar, Kohat. | KAWA . . . | 20 | 60 | A small hamlet, on right bank of the Indus; supplies on notice; good water from the river, close to which, and N. of village, is site for C-G.; country intersected by ravines; road as before. |
| | | DHER . . . | 8 | 68 | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | CAMPBELLPUR . . . | 0 | 62 | See Route 68. Country undulating, partially cultivated, but intersected by ravines; road unmetalled except for the last 2 or 3 m. and practicable for artillery throughout. |
| | | Total marches, 7=62 m. | | | |

Route No. 538.
FROM PESHAWAR TO CHIRAT.
via OHAMKANI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | From the Church to CHAMKANI . . . | 9½ | 9½ | A village; supplies on notice; well water unfit for drinking; good water from the Zundal nullah, just across which, on an open plain, is extensive site for C-G.; country level, open and cultivated; road unmetalled, but passable for all arms; pass round the fort and leave the city walls at 4½, cross the Bara R. at 6½ and the Zundal nullah (800 yds. wide) at 9 m.; by entering the city of Peshawar at the Kabul gate, instead of passing round the walls, 1 m. can be saved. |
| | | JALUZAI . . . | 11 | 20½ | |
| | | SHANKOT . . . | 4½ | 24½ | |
| | | CHIRAT . . . | 8 | 32½ | |
| | | Total marches, 4=32½ m. | | | |

Route No. 538(a).
FROM PESHAWAR TO CHIRAT.
via PUBBI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-----------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Dr. Commr. of Peshawar, Peshawar. | PUBBI . . . | 15 | 15 | See Route 266. |
| | | JALUZAI . . . | 8 | 23 | |
| | | SHANKOT . . . | 4½ | 27½ | |
| | | CHIRAT . . . | 8 | 35½ | |
| | | Total marches, 4=35½ m. | | | |

Route No. 539.
FROM PESHAWAR TO JAMRUD.

333

| APPROPRIATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commr. of Peshawar, Peshawar. | JAMRUD p.o. 1-6. | 0 | 0 | A fort 2½ m. from the Shadi Baghian entrance to the Khyber pass, with barracks for 500 sepoy and a small hospital; supplies on notice; plentiful good water from masonry tanks; space for C.G. on all sides of the fort; country at first cultivated, afterwards a stony and undulating plain; road, metalled and bridged for about 4 m. thence a broad firm track, <i>possible for all arms</i> ; pass first Singh-ka-Burj at 4, Kacha Garhi police post at 6, and cross the Jamrud nullah (usually dry) at 8½ m. As far as Hari Singh-ka-Burj the road is a double one, the two roads running parallel to each other, and a few yards apart; both are bridged, but only one is metalled. |
| | | Total marches, 1= | | | |
| | | 0 m. | | | |

Route No. 540.
FROM PESHAWAR TO KOHAT.
via THE KOHAT PASS.

| APPROPRIATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | De. Commr. of Peshawar, Peshawar. | MATANNI 53,000 sq. yds. h. | 14 | 14 | A village; supplies procurable; plentiful good water from 2 wells, and from a spring 1 m. from C.G., which is N. of police sta. and E. of road; country well cultivated for first 8 m., thence barren until near Matanni; road unmetalled; leave the cantonments by the Sudder Bazar, cross the Barn J. (bridged) at 4½, again at 6½ and pass Balabhair at 8 m., where is a good site for encampment. |
| | | AINAL CHABUTRA 400 x 400 yds. h. | 6 | 20 | |
| | | KOHAT | 19 | 39 | A police out-post; supplies must be collected; good water, for 2 battns, from a well in thana, and from 2 tanks near C.G., which is E. of road; country undulating and rough, with cultivation in places; road unmetalled and rough in parts; crosses some low hills en route. See Route 5. Country hilly and wild; road unmetalled, but fairly good to Sanda Basta, 7 m. thence for about 4 m. along the stony bed of a dry nullah, till the foot of the pass, thence to crest road precipitous; reach the Kohat Kotah (water obtainable) at 12½ m., up to which point a narrow valley commanded by precipitous hills is passed through; descent from the Kotah steep; road practicable throughout for cavalry, infantry and mountain artillery. |
| | | Total marches, 3= | | | |
| | | 23 m. | | | |

Route No. 540(a).
FROM PESHAWAR TO KOHAT.
via JALUZAI, THE MIRKALAN AND PALOSI PASSES.

| APPROPRIATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | De. Commr. of Peshawar, Peshawar. | CHANKAM | 01 | 01 | See Route 539. |
| | | JALUZAI | 11 | 20 | |
| | | GARU | 15 | 35 | Country hilly, wild and barren; road neither metalled nor bridged, but hard and stony, <i>possible for cavalry</i> , with traces from a mere cart-track to a wide road; the road passes over undulating ground for 5 m.; cross the Nowshera road in the foot of the Kankhal ravine at 10 m., and pass the village of Kankhal, whence the ascent (gradual) to the Bern Gasha Kotah begins; the descent is steep for 1½ m. See Route 527 (a). |
| | | LAH TALAQ | 12 | 47 | |
| | | JADAB | 12½ | 60 | See Route 61. See Route 527 (a). |
| | | GUMHAT | 12 | 72 | |
| | | KOHAT | 15 | 87 | See Route 5. |
| | | Total marches, 7= | | | |
| | | 86½ m. | | | |

Route No. 540(b).
FROM PESHAWAR TO KOHAT.
via THE ZHAWAKI PASS.

| APPROPRIATIONS. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|-----------------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | De. Commr. of Peshawar, Peshawar. | MATANNI | 14 | 14 | See Route 540. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--|--|----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. P. F. Force, Abbottabad. | Afghani Territory. Dr. Comant, of Kohat, Kohat. | TARUNI . . . | 12½ | 26½ | A village commanded by hills on both sides; water from the village of Kahu, distant 1 m.; after leaving Arakhel at 4½ m. the road continues good for guns to the entrance of the pass 6½ m. further; it then passes into a low range of hills which commands it; they are, however, broken and afford very little cover; further on, the road runs along a dry nullah, in places narrow for guns, and gradually ascends to the top of a <i>lotaf</i> , commanded by hills on the right; the descent is rough and impracticable for guns; the road then takes a bend to the right, and passing Kuhu, leads to Taruni. |
| | | PUSTAONI . . . | 6½ | 32½ | A small village built on a small hill, and situated about 400 yds. from the road; a little valley joins in from the E.; limited water from a distant spring; leaving Taruni the road turns to the right, and the pass widens to about 600 yds.; here there is no much cultivation as the ground will admit of; the hills assume a steeper and more rugged appearance, but the road is good; a short distance beyond, however, spurs from the hills nearly join, and present a serious obstacle to guns; the road then skirts the foot of the hills to the left, and reaches Bari (water procurable) at 2 m.; this village is divided into 3 parts, 1 to the right of the road, the second on the road, and the third further on, at the mouth of a very difficult pass; after passing the third part the road enters a defile 20 yds. wide, the hills on both sides being high, much broken, and covered with brushwood; a few men stationed on these would stop a force for a long time; at 1½ m. from Bari the road turns to the left, and commences a steep, difficult ascent 1½ m. in length, commanded on both sides; the descent is by the left hill, and though it is a little easier than the ascent, it is longer and more tortuous, and is commanded by the hill down which it runs; the road then turns to the right and skirts the foot of the right hill, the left being distant about 800 yds. |
| | | JAMMU . . . | 9½ | 41½ | A village divided into 6 or 7 parts and defended by towers, situated in a well cultivated valley about 2 m. in length; water from wells and from the stream which runs through the valley; from Pustaoni the road for some distance is pretty fair, skirting the foot of the hills to the right for about 1½ m.; the valley then narrows and the road runs along the dry bed of a nullah, commanded on both sides; the valley is thickly wooded, and the road is in this part very bad; the small village of Ouli is passed at 2½ m.; it is situated in a valley about 600 yds. broad; the road continues in the nullah, but on leaving Ouli it ascends gradually and reaches the summit of the <i>lotaf</i> , beneath which there is a deep ravine; the descent for about 1 m. is by a long zigzag on the left side; the road then crosses and re-crosses the ravine and runs down a pass 20 yds. wide, with rocks on both sides 300 ft. high, extremely steep, bare and unbroken, and perfectly impracticable for man or beast; throughout the path is very rough and stony. |
| | | TURKI . . . | 6½ | 48½ | A village divided into several parts, all defended by towers; water from wells; leaving Jammu the road traverses a valley about 1½ m. broad, passing some low stony hills and several towers, and crossing some difficult nullahs; at 2½ m. the village of Dugh is passed; it is divided by a nullah into 2 parts, one called Tendai, both situated on hills and both defended by towers; from Dugh the road turns sharp round to the right under the hill on which Tendai is built, the left being an open plain, covered with stones and low jungle; at 3½ m. a small nullah is crossed; the road then skirts a hill which forms the right of a small valley; 4 m. further on this hill runs back, forming the right side of another valley, after which the hills gradually recede, and the road improves until it crosses the Kuebhukkie nullah, impassable after heavy rains; thence to Turki it is good but stony. |
| | | ROHAT . . . | 14½ | 63½ | See Route 6. Country as before; road tolerably good and fit for guns; pass Thug at 9½ m. |
| | | Total marches, 6 = 62½ m. | | | |

Route No. 541.
FROM PESHAWAR TO MARDAN.
via NISATHA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar Frontier District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | From the Churahi to— NISATHA . . . | 16½ | 16½ | See Route 625. Country level, open and well cultivated; road metalled for the first 6½ m., thence unmetalled but good; pass by the fort and leave the Trunk Road at 3½, pass Herguni at 6½, ford the Bars (difficult, but passable for guns) at 10 m., and cross the Kabul R. at end of stage, at the Dohandi ferry (8 boats holding 30 men each), just below its junction with the Swat R. |
| | | MARDAN . . . | 16 | 32½ | See Route 6. Country as above, but sparsely cultivated; road good as far as Dorehma, 7½ m., thence much cut up, but passable for all arms; at 1 m. a road branches off N. to the Swat country and another S.E. to Nowshera. |
| | | Total marches, 2 = 32½ m. | | | |

FROM PESHAWAR TO MARDAN.

via SHABKADAR, ABAZAI AND UTMANZAI.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Peshawar District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | KABUL RIVER Left bank of— 600×1,000 yds. | 10½ | 10½ | Encamp on left bank of the Naguman, a branch of the Kabul R.; supplies should be taken from Peshawar; plentiful good water; country level, open and cultivated; road very fair; leave the Trunk Road by the fort at 2½, cross the Badul canal (bridged) at 4, the Shah Alam (bridged) at 7 m., and the Kabul at end of stage, by ferry. |
| | | SHABKADAN 1,000×1,000 yds. p-o. | 8½ | 18½ | A fort on right of road, village to left; supplies on notice; water plentiful from 2 wells; country as above; road unmetalled but very good; cross the Kabul R. (fordable except after heavy rain) at 2½, and pass Uchawala at 5 m. |
| | | ABAZAI | 7½ | 26 | See Route 438. Country cultivated; road as in last stage; pass Motta at 4 m. and cross the Swat (there is a difficult ford below fort) at end of stage by ferry. |
| | | UTMANZAI 760×700 yds. | 13½ | 39½ | A large village; supplies on notice; water from the Swat R., near which is site for C-G.; country fairly cultivated; road good; nullahs only difficult after very heavy rain; pass Tangi (p-o.) at 3½, and Turangzai, on the Newsburn-Abazai road, at 11½ m. |
| | | MARDAN | 16½ | 55½ | See Route 6. Country level and open, with little cultivation; road very fair, but latter half bad after rain; pass Dargai at about 7 m. |
| | | Total marches, 5 = 55½ m. | | | |

Route No. 541(b).

FROM PESHAWAR TO MARDAN.

via MICHNI, ABAZAI AND UTMANZAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. P. Peshawar District, Peshawar. | Deputy Commissioner of Peshawar, Peshawar. | From the Church to MICHNI . . . | 15½ | 15½ | A mud fort near the Kabul R.; supplies must be collected; good water from the river and a well in the fort, close to which is a good site for G-G.; country level, open and fairly cultivated; road fair; nullahs difficult after heavy rain; pass Dargah at 3½, Muttia at 8½, and cross the Kabul at 18½ m., by ferry, one boat. Country as above; road only a track. For other remarks see Route 438. See Route 541(a). For other remarks see Route 6. |
| | | SHABKADAR . . . | 7½ | 23 | |
| | | ABAZAI . . . | 7½ | 30½ | |
| | | UTMANZAI . . . | 13½ | 43½ | |
| | | MARDAN . . . | 16½ | 60½ | |
| G. O. C. P. Frontier Force, Abbottabad. | | Total marches, 5 = 69½ m. | | | |

Route No. 542.

FROM PURULIA TO BARAKAR RAILWAY STATION.

via RAGHUNATHPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Murshidabad, Baran, Purulia. | JHAPRA . . | 14 | 14 | A small village; supplies on notice; good water from tanks $\frac{1}{2}$ m. N-W., and a nullah about $\frac{1}{2}$ m. N. of C-G., extensive site for which is in fields $\frac{1}{2}$ m. E. of village; country undulating and well cultivated; road, 2 $\frac{1}{2}$ ft. wide, metalled and bridged, suitable for all arms; pass Katra at 8 m. |
| | | RAGHUNATHPUR | 11 | 25 | See Route 815. Country and road as above. |
| | | INGANPUR . . | 12 | 37 | A small village; supplies on notice; indifferent water (scarce in dry season) from a tank $\frac{1}{2}$ m. N. of village; camp anywhere round village; country and road as above. |
| | | BARAKAR RY. STN. p-o. t-s. b. | 8 | 45 | A terminus of the E. I. Ry.; supplies on notice; good water from wells $\frac{1}{2}$ m. W. of C-G., site for which is on high land E. of road and near the Barakar R. (river water good in dry weather); country and road as above; crosses the Damoda at 5 m., by ford in dry season, by ferry (2 boats, each carrying 26 mds.) in the rains. |
| | | Total marches, 4= | | | |
| | | 45 m. | | | |

Route No. 543.
FROM PURULLA TO CHAIRASSA.
via SARAIKELA.

| AUTHORITIES. | | Name of place and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Maunbhun, Purulla. | KANTADIN . 40,000 sq. yds. r-s. | 9 | 9 | A small village; supplies on notice; good water abundant, except in hot season, from a tank and streams about 400 yds. E. of C-G, which is on open high land close to r-s and about $\frac{1}{2}$ m. S. of village; country cultivated and open; road 20 ft. wide, unmetalled, but good and fit for all arms; crosses the Koral (fordable, except after heavy rain) at 3 m. |
| | | BALRAMPUR 500 x 400 yds. r-s. | 9 | 18 | A large village and police post; supplies on notice; unlimited good water from a very large tank $\frac{1}{2}$ m. S-E. of village, about 200 yds N. of which is C-G; country undulating and well cultivated; road as above; streams and nullahs fordable, except after heavy rain. |
| | | ADARDI . 40,000 sq. yds. | 8 | 26 | A small village; supplies must be collected; indifferent water from tanks within $\frac{1}{2}$ m. of C-G, which is on high land $\frac{1}{2}$ m. E. of village; country, road and nullahs as above. |
| | | CHANDIL . 500 x 400 yds p-o r-s b. | 8 | 34 | A large village and police sta; supplies on notice; good water (scarce in dry weather) from masonry wells in police sta. and in b. compound; water also from a nullah $\frac{1}{2}$ m. S. of C-G, which is E. of and close to village; country, road and nullahs as above. |
| | Deputy Commissioner of Singhbhum, Chairassa. | BUGHUNATHPUR. | 6 | 40 | A small village; supplies must be collected; water from a tank and stream; good site for C-G, near village; country undulating and jungly; road, 20 ft. wide, unmetalled, but gravelled, and fit for all arms; nullah, as above, but some strongly bridged; crosses the Subanrika R. at 5 m., by ford in dry season, by ferry (2 small dug-outs) in the rains. |
| | | MANDIA . | 8 | 48 | A small village; supplies on notice; abundant good water from tanks 100 yds. N. of C-G., small site for which is 500 yds N. of village; country and road as above; nullahs as in last stage; pass Kandam r-s. at about 2 m. |
| | | SARAIKELA . | 8 | 56 | Country, road and nullahs as above; cross the Sanjal (fordable, except after heavy rain) at about 2 m. |
| | | THOLKO . | 5 | 61 | See Route 81. |
| | | CHAIBASSA . | 8 | 69 | |
| | | Total marches, 0 = 69 m. | | | |

FROM RAE-BARELI TO GONDAH.

via DARYABAD, BAHRANGHAT, AND COLONELGANJ.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Rae-Bareilly, Rae-Bareilly. Deputy Commissioner of Ram-Banki, Ram-Banki. | MAHARAJGANJ 50,000 sq. yds. p-o. t-s. | 10 | 10 | A village; supplies procurable; plentiful good water from a well near C-G., which is close to village; country level, open and well cultivated; road raised, bridged and practicable for all arms, but only metalled for first 3 m.; cross a nullah at 8 m. |
| | | DAHI 500 x 280 yds. | 11½ | 21½ | A village; supplies scarce; good water, for a battn., from a well on C-G., which is E. of road; country as above; road as in latter part of last stage, but liable to floods during the rains. |
| | | NAIPURA 17,416 sq. yds. | 10 | 31½ | A village near right bank of the Gumti; supplies scanty; good water from a well on C-G., site for which is ½ m. from the river, where animals might be watered; country and road as above; pass Haidargarh (p-o.) on the Lucknow-Sultanpur road at 4½ m. |
| | | BHANPUR 10,000 sq. yds. | 10½ | 41½ | A small village; supplies procurable; good water, for a battn., from 2 wells near C-G., site for which is E. of road and close to village; country and road as above; cross the Gumti on starting, by bridge-of-boats in dry season, by ferry in the rains, the Rari at 5, pass Samajpur, on the Fatehpur-Fyzabad road, shortly afterwards, and cross the Nagin nullah at 8½ m. |
| | | DARYABAD 310 x 110 yds. p-o. r-s. | 9 | 50½ | A good-sized town; supplies procurable; good water, for 2 battns., from 8 wells, one on, and the others near C-G., which is close to town; country as before; road as above for first 3 m., thence raised, metalled and bridged; cross the Kadiani Nadi at 4½ and the ry. line near Daryabad r-s. at 6½ m. |
| | | BADOSARAI 10,000 sq. yds. p-o. | 10 | 60½ | A village; supplies scarce; good water, for a battn., from a well on C-G., which is N. of road and near village; road unmetalled, but raised and bridged, difficult for wheeled traffic during the rains; pass Adra at 6 m. |
| | | BAHRANGHAT | 9½ | 70½ | See Route 411. Country and road as above; pass Ramnagar (p-o.) at 6½ m. There is a direct road from Badosarai to Bahranghat, but it is impracticable for wheeled traffic. |
| | | CHITAUNI | 8½ | 78½ | For other remarks see Route 509. |
| | COLONELGANJ | 7 | 85½ | | |
| | Dy. Commr. of Gonda, Gonda. | BALPUR | 9 | 94½ | See Route 415. |
| | | GONDAH | 7 | 101½ | For other remarks see Route 270. |
| | | Total marches, 11 = 101½ m. | | | |

Route No. 545.

FROM RAE-BARELI TO SULTANPUR.

via JAIS.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Rae-Bareli, Rae-Bareli. | FURSATGANJ (SAHUTGANJ). 180 x 180 yds. | 11 | 11 | A small bazar; supplies procurable; abundant good water from a well on C-G., site for which is W. of road, ½ m. from Fursatganj, and called Brahmini; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms throughout the year; cross the ry. at 3 and the Naya nullah at 6 m. |
| | | JAIS | 9 | 20 | See Route 273. Country and road as above, latter parallel to the proposed line of the Lucknow-Rae-Bareli and Benares Ry.; cross a large nullah at 6 m. |
| | Dy. Commr. of Sultanpur, Sultanpur. | GAURIGANJ. | 10 | 30 | See Route 419. Country and road as in last stage; cross two nullahs en route. |
| | | DHAMAUR 48,000 sq. yds. p-o. | 15 | 45 | A large village; supplies procurable; plentiful good water from 2 wells on C-G., which is on both sides of road; country mostly jungle, with cultivated patches here and there; road as above, except for the first half of the stage, when it is unmetalled though raised and bridged. |
| | | SULTANPUR | 10 | 55 | See Route 31. Country fairly cultivated; road as in latter part of last stage; pass Bankipur at 6 m. |
| | | Total marches, 6 = 55 m. | | | |

FROM RAJANPUR TO SUKKER as far as SHAHWALI (for remainder, see Bombay Route, Book No. 489).

via THE DISTRICT ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan. | MITHANKOT p-o. b. | 10½ | 10½ | <p>NOTE.—This route should only be used after consultation with the civil authorities on the state of the road. It is practically impassable from June 15th to October 15th, as the Indus floods the road in many places.</p> <p>A town on right bank of the Indus; supplies plentiful; abundant good water from many wells in the town, adjoining which is waste land suitable for C-G.; country level, open and well cultivated; road, 16 ft. wide, unmetalled but passable for all arms.</p> <p>A village; supplies procurable; plentiful good water from numerous wells within easy reach of C-G., which is near village and on ground impregnated with saltpetre; country and road as above, but latter narrower.</p> <p>A village in the territory of the Mazari tribe; supplies procurable; water plentiful but brackish, from several wells in the village, near which is C-G.; country, impregnated with saltpetre and liable to be flooded in hot weather; road as above; cross the Kadra canal (unbridged) en route, by ford, difficult to cross when flowing full in summer months.</p> <p>A town about a mile E. of New Rojhan; supplies fairly abundant; water plentiful, but brackish, from several wells in New Rojhan, where there is a good site for C-G., but which is liable to inundation in high floods; country as above; road as before, but no bridges and traffic may be suspended for 3 or 4 days after heavy rain; pass Badli at 5 and Miranpur at 9 m.</p> <p>A small Mazari village near right bank of the Indus; supplies scarce; good water from the river and wells in village, near which is ample waste land for C-G.; country barren, above the high bank of the Indus; road as before.</p> <p>A Mazari village and police sta., near right bank of the Indus; supplies scarce; good water from the river, close to which is site for C-G.; country and road as before.</p> |
| | | MURGHAI 220 x 220 yds. b. | 6 | 16½ | |
| | | UMARKOT 41,140 sq. yds. p-o. | 10 | 26½ | |
| | | ROJHAN p-o. t-s. b. | 13 | 39½ | |
| | | KIN | 7 | 46½ | |
| | | SHAHWALI p-o. | 16 | 62½ | |
| | | Total marches, 6 = 62½ m. | | | |

Route No. 547.

FROM RAJMAHAL TO SIMRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner, Southal Parganas, Dumka. | TINPAIAR | 8 | 8 | <p>Country open and cultivated; road unmetalled; partly bridged, 16 ft. wide, fit for all arms in dry weather only.</p> <p>See Route 106.</p> <p>For other remarks see Route 63.</p> <p>A small village; no supplies; indifferent water from a tank; site for extensive C.G. W. of village; country hilly; road as before; the Maroua Ghat is crossed in this stage.</p> <p>See Route 73.</p> <p>Country more open and cultivated; road as before.</p> |
| | | BARIO | 11 | 19 | |
| | | BOARIJORE | 8 | 27 | |
| | | SIMRA | 10 | 37 | |
| | | Total marches, 4 = 37 m. | | | |

Route No. 548.

FROM BANGAMATI TO LAMA (CHITTAGONG HILL TRACTS).

via BANDARBAN AND RUMA.

| AUTHORITIES | | Name of stages and size of encamping-grounds | DISTANCE | | REMARKS |
|--|---|--|----------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Dy. Commr. of Chittagong Hill Tracts, Banganati. | RAIFUNG . . | 21 | 21 | A halting place; supplies must be collected; good water from the Kornafuli R. on bank of which space could be cleared for C.G.; country mostly hilly and very jungly; there is no road and the route is by the Kornafuli. A small village; supplies must be collected; good water from the river, by which the route is taken, there being no road; C.G. and country as above. Country as above; route by river. } See Route 169. |
| | | KAPTAI . . | 29 | 47 | |
| | | CHANDERGONA . | 18 | 60 | |
| | | BANDARBAN . | 20 | 80 | |
| | | RUMA . . | 13 | 93 | |
| | | LAMA . . | 30 | 123 | |
| | | Total stages, 6 = 123 m. | | | |

Route No. 549.
FROM RANGPUR TO COOCH-BEHAR.
via MOGALHAT.

339

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Cooch-Bihar. | KALIDOHAR-GHAT p-o. t-n. | 10½ | 10½ | A small village on S. bank of the Tista; supplies on notice; good water from the river and temporary wells; site for C.G. in hot weather and rains at 8th mile, in cold weather ½ m. beyond village on an old "ohur" of the river; country flat, open and cultivated; road metalled for first 8½ m. only, but fit for all arms; all nullahs strongly bridged. |
| | | MOGALHAT . 10,000 sq. yds. p-o. t-n. r-s. b. | 16½ | 27 | |
| | | DINHATA . 70,000 sq. yds. p-o. b. | 11 | 38 | An important village; supplies on notice; plentiful good water from a large well and tank about ½ m. N. of, and from a small well and tank ½ m. S. of C.G., which is near village; country flat, open, well cultivated and populous; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged. |
| | | COOCH-BEHAR . | 13 | 61 | |
| | | Total marches, 4 = 51 m. | | | See Route 335. Country as above; road level, 20 ft. wide, and metalled for 1 m. only, but fit for all arms; nullahs as before; cross the Nona Mansai en route, by ford, except from June to September, when rafts are available, and the Torra K. (unfordable) at 8½ m., by a ferry of rafts; a bridge over the latter river is being erected. |

Route No. 550.
FROM RANGPUR TO DARJEELING.
via TANGAMARI AND TITALYAH.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | KILALGANJ . | 12 | 12 | } See Route 340. |
| | | TANGAMARI . | 18 | 25 | |
| | | DUGDUGIE . 12,000 sq. yds. | 13 | 38 | |
| | Deputy Commissioner of Jalpaiguri, Jalpaiguri. | MARKA . 10,000 sq. yds. | 12½ | 50½ | A small village; no supplies; wells must be dug; site for C.G. in fields; country, road and streams as above; cross the Karatua (fordable, except after heavy rain) at about 9 m. |
| | | POCHAGARH . 50,000 sq. yds. | 12½ | 63 | |
| | | BHAJANPUR . | 12 | 75 | A large village; supplies on notice; abundant water from wells, tanks and streams in vicinity of C.G., which is in open fields; country and road as above; cross a nullah (difficult during the rains) near end of stage. |
| | | TITALYAH . | 10 | 85 | |
| | | SANNASIKATA . | 7 | 92 | Road, 13 to 14 ft. wide, unmetalled, but raised; country cultivated; cross the Kartu stream at 2 m., and again at Bhajanpur, fordable except during flood; no ferry; two small nullahs unbridged. |
| | | SILIGURI . | 8½ | 100½ | |
| | Deputy Commissioner of Darjeeling, Darjeeling. | KHAPRAIL . | 7 | 107½ | } See Route 330. |
| | | BISARBATI . | 6½ | 114 | |
| | | KURSEONG (RIFLE RANGE). | 6 | 120 | |
| | | SONADA . | 10 | 130 | |
| | | DARJEELING . | 10 | 140 | |
| | | Total marches, 14 = 140 m. | | | |

Route No. 551.
FROM RANGPUR TO GOALPARA.
via BAGWA AND HAJA HAT.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | HARODANGA . 10,000 sq. yds. | 15 | 15 | A small village; supplies on notice; abundant good water from a stream, on bank of which is site for C.G.; country level, open and cultivated; road, 25 ft. wide, raised and metalled for 4½ m. only; cross the Alaikuri Nadi, two canals, and several small nullahs en route, by strong bridges. |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS |
|---|--|--|----------------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | ULIPUR p-o. b. | 11 | 26 | A large village; supplies procurable; plentiful good water from 2 large wells and a tank close to b.; small site for C-G. in Kachori compound; country as above; road, 15 to 18 ft. wide, unmetalled; all bridges are capable of bearing artillery; cross the Bamnikunda (fordable in dry season) and the Tista during first half of the stage, by ferry. |
| | | BAGWA 20,000 sq. yds. | 8 | 34 |  | A village on right bank of the Dharla; supplies procurable; good water from the river, on bank of which is site for C-G.; country as before; road, 15 ft wide, neither metalled nor bridged; cross the Bamni R. towards end of stage, by ford in dry season, by ferry (1 small raft) in the rains. |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Goalpara, Dhubri. | HAJA HAT | 16 | 50 | Country to a great extent under water in the rains; no regular road, but in the cold weather there is a track passing over sand nearly the whole way; cross the Dharla on starting, by ferry (4 large boats), the Brahmaputra soon afterwards, by ferry (2 boats, carrying 15 men each), and the Sonabed towards end of stage by ferry (2 boats, carrying 20 men each), thence the track continues until the road is reached at 12 m., near Singmarl. |
| | | SALMARA-SOUTH | 9 | 59 |  | See Route 533. |
| | | PAKIRGANJ | 6½ | 65½ | For other remarks see Route 205. |
| | | JAMADARHAT | 6 | 71½ |  | See Route 205. |
| | | LAKHIPUR | 18 | 84½ | See Route 165. |
| | | BAIDA | 0½ | 84 |  | See Route 165. |
| | | AGIA | 10½ | 104½ | See Route 165. |
| GOALPARA | 8½ | 112½ | See Route 165. | | |
| | | Total marches, 11 = 112½ m. | | | |

Route No. 551 (a).
FROM RANGPUR TO GOALPARA.

via DHUBRI.

| AUTHORITIES | | Names of stages and site of encamping grounds | DISTANCE | | REMARKS. |
|---|--|--|----------------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Rangpur, Rangpur. | KEROWA . 10,000 sq. yds. | 9 | 9 | A small village; no supplies; good water from the Manas stream, near which is site for G-G.; country flat and cultivated; road, 18 ft. wide, metalled for first 3½ m. only; nullahs bridged, but bridges unsuitable for artillery. |
| | | MRITTINGA (BARABARI). 10,000 sq. yds. p-o. | 15 | 24 | A large village; supplies on notice; no water to be had except by sinking wells; site for G-G. in fields; country as above; road, 15 to 20 ft. wide, neither metalled nor bridged, but raised; cross the Manas (by ford or ferry), the Tista (by steamer ferry, carrying 200 men) and the Buri Tista (by ford or ferry or ry. bridge) en route. |
| | | DASERHAT . 15,000 sq. yds. | 9 | 33 | A village; supplies on notice; no water, wells would have to be dug; site for G-G. E. of the road in open fields; country and road as above; nullahs strongly bridged; cross the Khola Nadi (dry in dry weather) en route, by a raft in the rains. |
| | | NAGESHWARI . 16,000 sq. yds. p-o. | 15 | 48 | A large village; supplies on notice; wells must be dug for water; site for G-G. in open fields; country and road as above; nullahs bridged; cross the Dharla R. at Kurigram (p-o. t-s) and the Girai en route, both by ferry (several boats). |
| | Deputy Commissioner of Goalpara, Dhubri. | PATAMARI . | 10 | 58 | Country low and partly under water in the rains; road, a mere track, about 10 ft. wide, unfit for all arms, difficult on account of the numerous nullahs and rivers met with, which are crossed by ford or ferry. |
| | | | | | See Route 165(a). |
| | | DHUBRI . | 10½ | 68½ | For other remarks see Route 161. |
| | | JAMADARHAT . | 9 | 77½ | |
| | | LAKHIPUR . | 18 | 90½ | See Route 206. |
| | | BAIDA . | 0½ | 100 | |
| AGIA . | 10½ | 110½ | See Route 165. | | |
| GOALPARA . | 8½ | 118½ | | | |
| | | Total marches, 11 = 118½ m. | | | |

FROM RANGPUR TO TURA, in the Garo Hills.

via MANKACHAR.

| AUTHORITIES. | | Names of stages and also of encamping-grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William | Collector of Rangpur, Rangpur. | HARODANGA . . . | 15 | 15 | } See Route 551. |
| | | ULIPUR . . . | 11 | 26 | |
| | | BAGWA . . . | 8 | 34 | |
| | | RAHUMARI . . . 10,000 sq. yds. b. | 11 | 45 | A village on right bank of the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country open; there is no regular road, but the route may be accomplished by water, embarking in country boats (obtainable on notice) at Bagwa on the Dharla, latter a branch of the Brahmaputra. |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Garo Hills of Garo, District, Tura. | MANKACHAR . . . | 6 | 51 | See Route 538. Country open and well cultivated; road, 10ft. wide, unmetalled, only a fair weather track; crosses the Jinjiram about half-way, by ford in dry season, by ferry (2 boats, each carrying 16 men) in the rains. |
| | | GAROPADHA . . . b. | 12 | 63 | A small village near the Ganol; supplies scanty; good water from the river, on bank of which, and in the market place, is small site for C-G.; country hilly with large, level, cultivated spaces; road, an unmetalled cart track, 12 ft. wide; all nullahs and streams are bridged with wooden and bamboo bridges. |
| | | DAMALGIRI . . . b. | 8½ | 71½ | A small village near the Kale; no supplies; good water from the river, on bank of which, and near b., is site for C-G., but jungle would have to be cleared; country as above for first 4 m., then the hills become higher and are covered with dense jungle; road as before, gradient 1 in 20; nullahs bridged; cross the Ganol en route, by ferry carrying 20 men. |
| | | TURA . . . | 11 | 82½ | See Route 515. Country, road, and nullahs as above. |
| | | Total marches, 8 = 82½ m. | | | |

Route No. 553.

FROM RANIKHET TO LANDOUR.

via BUNGIDHAR, PAURI, AND TEHRI.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. | |
|---|-----------------------------------|--|-------------------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Rohilkhand District, Bareilly. | Dr. Commr. of Kumaon, Almora. | DWARAHAT . . . | 18 | 18 | Country mountainous; road, 8 to 10 ft. wide, unmetalled, descends for 5 m., where the Gages R. (bridged) is crossed, thence an easy ascent to the plain, on which the Dwarahat b. is situated; join the road from Almora towards end of stage. For an alternative route from Ganai to Srinagar, see Route 40(b). | |
| | | GANAI . . . | 9½ | 22½ | | |
| | | DEGHAT . . . | 11½ | 34½ | | |
| | Dr. Commr. of Garhwal, Pauri. | BUNGIDHAR . . . | 9½ | 43½ | } See Route 40. | |
| | | KAINUR . . . | 14 | 57½ | | |
| | | SAKUANA . . . | 8 | 65½ | | |
| | | SINKHET . . . | 10½ | 76½ | | |
| | | PAURI . . . | 10½ | 86½ | | |
| | | SRINAGAR . . . | 8 | 94½ | | |
| | G. O. C. Meerut District, Meerut. | Commr. of Kumaon, Almora. | TAKOLI . . . | 13 | 107½ | |
| | | | TEHRI . . . | 11½ | 119½ | |
| | | | KAURIAGALLA . . . | 11½ | 131 | |
| | | | DHANULTI . . . | 13 | 144 | |
| | | | LANDOUR . . . | 13½ | 157½ | |
| Supt. of Dehra-Dun, Dehra-Dun. | | | | | | |
| | | Total marches, 14 = 157½ m. | | | | |

FROM RANIKHET TO THE SHAISHAL PASS, on the Tibetan Frontier.

via BAGESAR, PHARKIA, AND THE MILAM PASS.

| AUTHORITY. | | Name of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|------------|--------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| | | From the Sadder Bazar to— MAJKHALI 50,000 sq. yds. b. | 8½ | 8½ | A small village; supplies on notice; wood plentiful; good water from streams close by C-G., which is near village; country mountainous with cultivation and forest; road, a metalled cart-road, in thorough repair, with easy gradients; nullahs bridged; pass Dulikhet at 1½ and Riani Mella at 7 m. |
| | | SOMESWAR . p-o. b. | 13½ | 21½ | A small village near the Kosi, elevation 4,600 ft.; supplies on notice; wood plentiful; good water from the river, in fields on bank of which is extensive site for C-G.; country as above, until the highly cultivated valley of the Kosi is reached; road for first 4 m. as before, with a good bridle-path running parallel to, but above it, thence a good bridle-path ascending and descending alternately; gradients steep in places; pass the road to Bajinath distant about 12½ m. N., at end of stage. |
| | | BAGESAR . p-o. b. | 15 | 36½ | A large village, situated at the junction of the Sarju and Gomati rivers, elevation 8,100 ft.; ample supplies on notice; good water from the river, near which is site for C-G.; country cultivated; road as in latter part of last stage; streams fordable; cross the Kosi (fordable) at 1, the Gomati at 1½ m., and the Sarju at end of stage, the 2 latter by suspension bridges. At Bagesar a large annual fair is held in January. |
| | | KAPKOT . b. | 13½ | 50½ | A small village near the Sarju; no supplies; wood and good water plentiful, the latter from the river, close to which is extensive site for C-G.; country, a large open valley, well cultivated and enclosed by steep, wooded hills, which get gradually narrower, till, at Kapkot, the valley is only about ½ m. wide; road as in last stage, rising slightly as it follows the river; streams bridged. |
| | | LOHARKHET 25,000 sq. yds. p-o. b. | 12½ | 62½ | A small village; supplies on notice; wood and good water plentiful, the latter from a stream, near which is site for C-G.; country and road as in last stage, latter steep in places; nullahs bridged or fordable; cross the Sarju (suspension bridge) at 2 and again at 10 m., bridge here is in bad repair, but the river is fordable; after crossing ascend by steep zigzags to the village. |
| | | DAUKARI . b. | 6 | 68½ | A halting place, elevation 9,010 ft.; no supplies; wood plentiful; water from streams in vicinity; small site for C-G. in b. compound; country as in last stage, but the hills are higher and steeper, and there is little or no cultivation, the latter part consisting of large forests; road, as above, ascends steeply for ½ m. and crosses a pass (elevation 10,611 ft.) and then descends; streams either bridged or easily fordable. |
| | | KHATI 60,000 sq. yds. b. | 5½ | 73½ | A small village near the Pindar; no supplies; good water from the river; C-G. at 5 m.; country as in last stage; jungle very thick; road, as above, descends steeply for 2½ m. to the Pindar valley, and then undulates; streams bridged or easily fordable. |
| | | DWALI . b. | 6½ | 80½ | A halting place near the Pindar, elevation 7,667 ft.; no supplies; plentiful good water from wells and the river; small site for C-G. near b.; country changes in this stage, the rounded well-wooded hills giving place to precipitous mountains with very scant vegetation; jungle near the river; road rises steadily, following the river, which is crossed at 3 m., and again near end of stage, by wooden bridges. |
| | | PHARKIA . b. | 3½ | 83½ | A halting place near the Pindar, elevation 10,360 ft.; no supplies; wood scarce, none for 3 marches; good water from wells and the river; site for C-G. on hillside ½ m. W. of b.; country as before, but wider; road as above; crosses an unbridged nullah en route. |
| | | MARTOLI . (on Pindar R.) | 3½ | 87½ | A halting place, elevation 11,720 ft.; no supplies; good water from the river; troops could encamp in a flat valley just beyond Martoli and b. of the road; country and road as above, latter running through the gorge of the Pindar torrent; it is enclosed by bare mountains, snow-clad in winter and covered with short grass and heben; on the top of the range W. of the road is a large plateau, thinly wooded, the home of the Tali and Moanal. |
| | | MARTOLI . (on Gori R.) | 22 | 109½ | A large village on a plateau; supplies on notice; wood scarce; plentiful good water from streams; plenty of space available for encamping; country mountainous; there is practically no road, only a goat track, which leads through snow-fields over a pass about 16,000 ft. high, and then descends along a spur to the Jwal Gadhi stream; no wood and only snow water obtainable en route; yak transport would have to be used. |
| | | MILAM . 10,000 sq. yds. | 6 | 115½ | A village, elevation 11,260 ft.; supplies on notice, fuel abundant; plentiful good water from streams; spacious site for C-G.; country as above, but uninhabited in winter; road a good bridle-path; at ½ m. pass Barphu and cross the Gori R. en route, by wooden bridge in bad repair. |
| | | DANG . | 10 | 125½ | A halting place, elevation 18,720 ft.; no supplies; fuel procurable; plentiful water from streams; site for C-G. small; country and road as in last stage; bridges consist of fir poles with brushwood and earth thrown over them; transport has to be unloaded to enable animals to cross. At Dang a road leads into Tibet by a neighbouring pass. |
| | | TOPIDANGA | 8 | 133½ | A halting place, elevation 14,830 ft.; no supplies; water from streams; small site for C-G. 2 m. distant; country and road as above; enter a glacier on starting, leave it at 3½ m., and reach the top of the Uttadham pass (17,630 ft. high) at 4 m., thence descend to camp; at 4½ m. a truck leads E. and enters Tibet by the Kanggibingri pass, 18,300 ft. high. |
| | | CHIDAMU . | 7 | 140½ | A halting place, elevation 13,620 ft.; no supplies; water from streams; small site for C-G.; country as above; road a mere track and very stony; at ½ m. cross the Girthi R. by bridge or ford, the river is only about 12 ft. wide and the hills come down almost perpendicularly on either side, thence a steep ascent to the Topidanga pass (17,000 ft. high), reached at 2 m.; the descent to camp is easy. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahawalpur District, Bareilly. | Assistant Commr. of Almoor, Almoor. | LAPTAI . . . | 6 | 145½ | A halting place, elevation 13,980 ft. ; no supplies ; wood and good water in abundance ; extensive grazing ground suitable for encampment ; country and road as in last stage ; descend for 4 m. and cross the Kiogadh R. by Ford, the ascend by a moderate gradient to camp. |
| | | SHALSHAL PASS . | 7 | 152½ | |
| | | Total marches, 17 = 162½ m. | | | |

Route No. 555.
FROM RATH TO KALPI.
via CHANDAUT.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DIS. MRS. | | REMARKS. |
|-------------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bahawalpur District, Agra. | Coltr. of Jamirpur, Jamirpur. | JARIYA . . . 120 x 65 yds. 100 x 65 yds. | 11½ | 11½ | A village ; supplies must be collected ; water from a well W. of C-G., shady site for which is near road and 1 m. E. of village, where there are 6 wells and a tank ; country fairly cultivated ; road unmetalled, swampy, and heavy for traffic in places ; pass Kumbhar at 8 and Pawal at 10 m. |
| | | CHANDAUT . . . 215,050 sq. yds. p-a. | 11 | 22½ | |
| | | ITAUARA . . . | 9 | 31½ | A village ; supplies on notice ; plentiful good water from 2 wells near C-G., which is E. of the Betwa R. and about 500 yds. W. of village, where there are three other good wells ; country and road as above ; cross the Barwan nullah (fordable, except when in flood) at 6½ m. and pass Bhagwan immediately afterwards. |
| | | KALPI . . . | 7 | 38½ | |
| | | Total marches, 4 = 38½ m. | | | Country and road as above ; cross the Betwa soon after starting, by ford in dry season, by ferry (2 boats) in the rains. See Route 76. |

Route No. 556.
FROM RAWAL PINDI TO ABBOTTABAD.
via THE GRAND TRUNK ROAD AND HARIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | JANI-KI-SANG . . . | 16 | 16 | See Route 266. |
| | | HATAR . . . | 14½ | 20½ | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Harwar, Abbottabad. | HARIPUR . . . | 13½ | 42½ | See Route 4. Country undulating and fairly cultivated ; road good ; leave the Grand Trunk Road at Sarai Kala at 5½ and cross the Harroth (fordable) at 11½ m. For other remarks see Route 4. See Route 3. For other remarks see Route 57. |
| | | SULTANPUR . . . | 12½ | 55 | |
| | | ABBOTTABAD . . . | 10½ | 65½ | |
| | | Total marches, 5 = 66½ m. | | | |

Route No. 556(a).
FROM RAWAL PINDI TO ABBOTTABAD.
via KHANPUR AND HARIPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | SIALDITA . . . | 12½ | 12½ | A large village ; supplies on notice ; plentiful good water from wells, and from a stream, close to which is site for C-G. ; country undulating ; road unmetalled, but fit for carts. |
| | | | | | |

| AUTHORITIES. | | Names of stages and also of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Hazara, Abbottabad. | KHANPUR . . . | 9 | 21½ | A village near the right bank of the Harroth R.; supplies on notice; good water from the river, near which and S. of police stn. is site for C.G.; country hilly; road, unmetalled and unbridged, but fit for laden camels, passes over a range of hills 700 ft. high; cross the Harroth (fordable at all times, except after heavy rains) at end of stage. Country hilly; road unmetalled and unbridged. See Route 3. For other remarks see Route 57. |
| | | HARIPUR . . . | 15 | 36½ | |
| | | SULTANPUR . . . | 12½ | 49½ | |
| | | ABBOTTABAD . . . | 10½ | 60½ | |
| | | Total marches, 6 = 60½ m. | | | |

Route No. 557.
FROM RAWAL PINDI TO CAMPBELLPUR.
via HATI.

| AUTHORITIES. | | Names of stages and also of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | JANI-KI-SANG . . . | 15 | 15 | See Route 256. |
| | | HASAN-ABDAL . . . | 14½ | 29½ | |
| | | HATI . . . | 12½ | 42½ | |
| | | CAMPBELLPUR . . . | 9½ | 52½ | See Route 58. Country sandy and mostly under cultivation; road unmetalled but passable for all arms. |
| | | Total marches, 4 = 52½ m. | | | |

Route No. 558.
FROM RAWAL PINDI TO DERA ISMAIL KHAN.
via TATAIJANG, SHAH MUHAMMADWALA, AND MIANWALI.

| AUTHORITIES. | | Names of stages and also of encamping-grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Jhelum, Jhelum. | NAUGAJIYA . . . 250 x 180 yds. | 12½ | 12½ | A small village; supplies on notice; fair water from a tank about 200 yds. N. of C.G., which is ½ m. W. of village; country undulating and fairly cultivated; road metalled in parts after leaving the Grand Trunk Road, and suitable for all arms, but seldom used by troops; pass Chur at 2½, leave the Grand Trunk Road at 6½ and cross the Shi R. at 7 m. Country as before; road as in latter part of last stage; pass the road to Jani-Ki-Sang on the Grand Trunk Road at 6½, Hathar at 10, and cross the Naundna stream at 11½ m. |
| | | FATAHJANG . . . | 15½ | 28½ | |
| | | KOT (GUDEA) . . . | 11 | 39½ | |
| | | THATHI . . . | 10 | 49½ | |
| | | DHANDI . . . | 14 | 63½ | |
| | | NAKA . . . | 11 | 74½ | |
| | Deputy Commissioner of Rawan, Edwashed. | SHAH MUHAMMADWALA . . . | 14 | 88½ | See Route 4. |
| | | NIKI . . . | 10 | 98½ | |
| | | MARI . . . | 17 | 115½ | |
| | | MUOH . . . p.o. r.s. | 15 | 130½ | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Rawan, Edwashed. | MIANWALI . . . 17,000 x q. yds. p.o. r.s. | 12 | 142½ | A large village near the left bank of the Indus; supplies on notice; plentiful good water from 2 wells 100 yds. W. of C.G., (site for which is S-W. of and close to village; animals can be watered from a mullah near; country hilly for 1st m., thence open and sandy; road unmetalled, but fair except after heavy rain. A small civil stn.; supplies procurable; plentiful good water from wells near C.G., site for which is close to tehsil; country as in latter part of last stage; road as above; pass Ilakhri at 6 m. A village; supplies on notice; plentiful good water from 2 wells near C.G., which is ½ m. E. of village and close to r.s.; country open and covered with brushwood; road unmetalled, fair, but sandy in parts. A village; supplies on notice; plentiful good water from wells in vicinity of C.G., which is on high ground N. of and close to village; country and road as above; pass Alurwari at 7 m. |
| | | KUNDIAN . . . 220 x 220 yds. p.o. r.s. | 50 | 192½ | |
| | | PIPLAN . . . 220 x 220 yds. p.o. r.s. | 14 | 206½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Dera Ismail Khan. | KALLURKOT 41,820 sq. yds. p-o. b. | 11 | 177½ | A large village on edge of the desert; supplies on notice; plentiful good water from wells in vicinity of C-G., which is S. of and close to b; country and road as above. |
| | | KANJAN . . . | 18 | 100½ | A village and salt chanki on the edge of the desert; supplies on notice; abundant good water from wells in the vicinity of C-G., which is E. of Tibba Kanjan; country, sandy desert; there are two roads from Kallurkot, one running along low alluvial lands, the other in the desert, the former is impracticable in the hot weather owing to inundations, the latter, being heavy and sandy, is unsuitable for carts. |
| | | ANGRA . . . | 10 | 200½ | A small village; supplies on notice; plentiful good water from wells about ½ m. from C-G., site for which is W. of the Thal road, and close to village; country as above; 2 roads as in last stage. |
| | | LAK . . . | 5 | 205½ | Country as before; road unmetalled, under water in the hot weather and impracticable. See Route 199. |
| | | DERA ISMAIL KHAN. | 7 | 212½ | For other remarks see Route 231. |
| | | Total marches, 18 = 212½ m. | | | |

Route No. 559.
FROM RAWAL PINDI TO MURREE.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Rawal Pindi, Rawal Pindi. | BARAKAO 270 x 210 yds. b. | 18½ | 13½ | A village; supplies on notice; plentiful good water from 2 wells S-E. of C-G., which is near bazar; animals water at a nullah; country cultivated, but undulating and broken; road good, metalled and bridged, suitable for all arms. |
| | | TRET 38,380 sq. yds. p-o. t-a. b. | 12 | 25½ | A village; supplies on notice; plentiful good water from a covered tank on C-G., which is S. of and close to village; country hilly, and slopes cultivated in parts; road as above; gradients easy. |
| | | MURREE . . . | 14 | 39½ | A convalescent depot and small civil stn.; supplies abundant; plentiful good water laid on by pipes to C-G., small site for which is near the commissariat bakery at Sunny Bank, at 11 m.; country and road as above; gradients steep in places. From Sunny Bank, by the cart-road, Murree is distant 3 m., but less by the several paths leading to it. |
| | | Total marches, 3 = 39½ m. | | | |

Route No. 560.
FROM RAWAL PINDI TO SHAHPUR.
old MANDRA, CHAKWAL AND PIND-DADAN-KHAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Rawal Pindi, Rawal Pindi. | RIWAT . . . | 10 | 10 | See Route 286. |
| | | MANDRA . . . | 9½ | 19½ | |
| | | JATLI 380 x 810 yds. | 14 | 33½ | |
| | Dr. Commr. of Shahpur, Shahpur. | DHUNDIAL 48,400 sq. yds. p-o. | 13 | 46½ | A small village; supplies on notice; plentiful good water from a stream close to C-G., which is ¼ m. W. of village; country flat and well cultivated, but intersected by ravines; road, 80 ft. wide, unmetalled and rough, but usually used by troops; pass Nathia at 3 and Khoki ka Chak at 8 m. |
| | | CHAKWAL . . . | 11½ | 68½ | A large village; supplies plentiful; abundant good water from wells and tanks in vicinity of C-G., site for which is W. of village; country well cultivated; road as above but heavy in parts; pass Dabar at 5½ m. |
| | | DHOK TALIAN . . . | 13½ | 71½ | Country and road as above; pass Chak Narang at 6 m. |
| | | CHOYA-SALDAN-SHAH. | 7 | 78½ | See Route 7(n). |
| | | PIND-DADAN-KHAN. | 18½ | 92 | |
| | | MIANI . . . | 7½ | 99½ | |
| | | BHERA . . . | 9 | 108½ | |
| | | CHAK-RAMDAS . . . | 11 | 119½ | |
| | | JHAWARIAN . . . | 8½ | 128 | |
| | | SHAHPUR . . . | 11 | 139 | For other remarks see Route 7. |
| | | Total marches, 13 = 139 m. | | | |

Route No. 560(a).
FROM RAWAL PINDI TO SHAHPUR.
via MANDRA, CHAKWAL AND NURPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr of Rawal Pindi, Rawal Pindi. | RIWAT . . . | 10 | 10 | See Route 200. |
| | | MANDRA . . . | 9½ | 19½ | |
| | | JATLI . . . | 11 | 30½ | |
| | Dy. Commr of Shahpur, Deputy Commissioner of Jhelum, Jhelum. | DIUDIAL . . . | 13 | 44½ | See Route 500. |
| | | CHAKWAL . . . | 11½ | 56½ | |
| | | BHON . . . | 8 | 64½ | For other remarks see Route 5(a). |
| | | KALLAR-KAHAR . . . | 10½ | 75½ | |
| | | NURPUR . . . 49,400 sq. yds. p.o. | 11½ | 87 | A large village; supplies plentiful; good, but limited water from a few deep wells in the vicinity; site for C.G.E. of village; country fairly level; road, 60 ft. wide, good and practicable for carts. |
| | | PAIL . . . p.o. | 9 | 96 | |
| | | KATHA . . . p.o. | 12 | 108 | A village situated at the foot of the Salt range; supplies procurable; plentiful good water from a hill stream running through C.G., confined site for which is near village; country well cultivated, road unmetalled and rather difficult, but practicable for laden animals, width 11 ft. in the hills and 16 ft. in the valley. |
| | | RAJAR . . . | 8 | 116 | |
| | | SHAHPUR . . . | 9 | 125 | See Route 567. Country level, open and fairly cultivated; road unmetalled, fair in dry weather, but during the rains it becomes slippery and a good deal cut up by the drainage from the Salt range. |
| | | Total marches, 12 = 120 m. | | | |
| | | | | | See Route 7. Country and road as above; cross the Jhelum soon after starting, by ferry. |

Route No. 560(b).
FROM RAWAL PINDI TO SHAHPUR.
via DADUMBAR, TALAGANG AND JABA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr of Rawal Pindi, Rawal Pindi. | BANIAL . . . | 8 | 8 | A small village; supplies must be collected; good water from wells in vicinity of village, near which is site for C.G.; country partially cultivated and stony; road neither metalled nor bridged and unsuitable for wheeled traffic; nullahs generally fordable. |
| | | SIAL . . . | 15 | 23 | |
| | Dy. Commr of Shahpur, Deputy Commissioner of Jhelum, Jhelum. | DADUMBAR . . . | 18 | 41 | A small village; supplies must be collected; camel-grazing procurable, good water from wells in vicinity of village, near which is site for C.G.; country, road and nullahs as above; pass Dadin at 11½ m. |
| | | DULLA . . . | 6 | 47 | |
| | | RUPWAL . . . | 12 | 59 | A village near the Sohan; supplies on notice; camel-grazing procurable; plentiful good water, site for C.G. near village; country and road as above; cross the Sohan (fordable except after heavy rain) at 6½ and pass Ghila at 10 m. |
| | | TALAGANG . . . | 11 | 70 | |
| | | KITCHI . . . | 11 | 81 | Country and road as above, latter much intersected by nullahs, which are only difficult after heavy rain. |
| | | JABA . . . | 11 | 92 | |
| | | SODHI . . . | 9 | 101 | See Route 7. |
| | | KATHWAI . . . | 8 | 109 | |
| | | NARIWALA . . . | 6 | 115 | |
| | | KHUSHAB . . . | 12 | 127 | |
| | | SHAHPUR . . . | 8 | 135 | |
| | | Total marches, 13 = 130 m. | | | |

Route No. 561.
FROM ROHTAK TO ALWAR as far as KOT-KASIM (for remainder see Bombay
Route Book No. 268(1)).
via JHAJJAR AND REWARI.

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-----------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Resident, Jy. poro, Jy. poro. | DIGHAL 16,996 sq. yds. P.O. | 10½ | 10½ | A village; supplies on notice; plentiful good water from a tank and well 225 yds. and 450 yds., respectively, N. of G.G., site for which is close to village; country level and fairly cultivated; road metalled and bridged; pass Sonbli about half-way. |
| | | JHAJJAR 82,470 sq. yds. P.O. t-s. b. | 12 | 22½ | A town; supplies abundant; plentiful good water from 3 wells close to G.G., which is N-W. of and near town; country as above; road unmetalled; pass Madana at 4 m. |
| | Dr. Commr. of Gurjoo, Gurjoo. | GHAURA P.O. | 16 | 38½ | A village; supplies on notice; plentiful good water from wells in vicinity of village, anywhere round which is ample site for G.G.; country chiefly hard sand hills, with partial cultivation; road as above, but very heavy over the Jhansi and Sahi nullahs, which are generally dry except in rains and crossed at 4 and 14 m., respectively; pass Sharni at 6 and Machhri at 10 m. |
| | | REWARI | 12½ | 50½ | Country as above; road, 25 ft. wide, unmetalled, sandy and heavy; pass Bokari at 9 m. |
| | Dr. Commr. of Jy. poro, Jy. poro. | KOT-KASIM | 15½ | 66½ | See Route 189(a). |
| | | Total marches, 5 = 66½ m. | | | |

Route No. 562.
FROM ROORKEE TO LANDOUR.
via MOHAND AND MAJRA.

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | FATEHPUR | 15 | 15 | Country well cultivated; road metalled and bridged, suitable for all seasons; the Ganges canal on starting. See Route 466. |
| | | MOHAND | 13 | 28 | |
| | Supdt. of Dehra-Dun, Dehra-Dun. | MAJRA | 11½ | 39½ | |
| | | RAJPUR | 9 | 48½ | For other remarks see Route 466. |
| | | LANDOUR | 8 | 56½ | See Route 40(a). For other remarks see Route 41. |
| | | Total marches, 6 = 56½ m. | | | |

Route No. 562(a).
FROM ROORKEE TO LANDOUR.
via HARDWAR AND DEHRA-DUN.

| AUTHORITIES. | | Names of stages and sites of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------------|---|-----------|--------|----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | BAHADURABAD | 9½ | 9½ | See Route 466(a). |
| | | HARDWAR | 7 | 16½ | For other remarks see Route 466. |
| | Supdt. of Dehra-Dun, Dehra-Dun. | KANSRAO | 12 | 28½ | For other remarks see Route 466. |
| | | LACHIWALA | 8 | 36½ | For other remarks see Route 466. |
| | | DEHRA-DUN | 10½ | 47½ | For other remarks see Route 466. |
| | | RAJPUR | 6 | 53½ | For other remarks see Route 466. |
| | | LANDOUR | 8 | 61½ | For other remarks see Route 466. |
| | | Total marches, 7 = 61½ m. | | | |

Route No. 563.
FROM ROORKEE TO LANSDOWNE.
 via HARDWAR AND KOTEDWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | BAHADURABAD . | 9½ | 9½ | See Route 459(a). |
| | | HARDWAR . | 7 | 10½ | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Bijnor, Bijnor. | BHAMPUR . | 7 | 23½ | For other remarks see Route 458. |
| | | AMBOT . | 7½ | 31 | See Route 514. |
| | | NAJIBABAD . | 14½ | 45½ | See Route 485. |
| | | JAFIRABAD . | 8 | 53½ | For other remarks see Route 121. |
| | Dr. Commr. of Garhwal, Pauri. | KOTEDWAR . | 8 | 61½ | A halting place; no supplies; plentiful good water from a stream, 250 yds. S. of which is site for C-G.; country and road as in last stage; nullahs bridged. |
| | | 16,000 sq. yds. p-o. t.s. r-s. b. | | | A good-sized village; supplies on notice; good water from the Kotédwar R. near which and N. of b. is site for C-G.; country mountainous and wooded; road, unmetalled and undulating, passable for mule transport; streams either bridged or fordable. |
| | | DOGADDA . | 9 | 70½ | A bazar; supplies on notice; good water from the Kotédwar; site for C-G. T. of bazar and above the road; country mountainous and partially cultivated; road as in last stage. |
| | | LANSDOWNE . | 9 | 70½ | See Route 41. |
| | | Total marches, 9 = 78½ m. | | | Country and road as in last stage; gradients steep in places. |
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Route No. 563(a).
FROM ROORKEE TO LANSDOWNE.
 via NAGAL AND KOTEDWAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | LHAKSAR . | 11½ | 11½ | A village; supplies on notice; good water from 2 wells in groves, in and around latter is site for extensive C-G.; country flat and partially cultivated; road 25 ft. wide, neither metalled nor bridged, heavy and dusty, but practicable for all arms. |
| | | NAGAL . | 11½ | 23½ | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Bijnor, Bijnor. | 790 x 190 yds. p-o. | | | A village; supplies procurable with some difficulty; plentiful good water from a well on C-G., which is S. of road and near village; country as above, with occasional jungle; road unmetalled, bad and difficult for guns; pass Sultanpur at 3 m., cross the Bhunganga (fordable except in rains) shortly afterwards, and the Ganges near end of stage, by ford in dry season, by small boats in the rains. |
| | | NAJIBABAD . | 10½ | 34½ | |
| | | JAFIRABAD . | 8 | 42½ | |
| | | KOTEDWAR . | 8 | 50½ | |
| | Dr. Commr. of Garhwal, Pauri. | DOGADDA . | 9 | 59½ | See Route 568. |
| | | LANSDOWNE . | 9 | 68½ | For other remarks see Route 41. |
| | | Total marches, 7 = 68½ m. | | | |

Route No. 564.
FROM ROORKEE TO UMBALLA.
 via SAHARANPUR AND JAGADHRI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | From the Church to | | | A village; supplies procurable; good water, for a battn., from a well on C-G., which is near village; country open and cultivated; road bridged and good, but only metalled as far as Bhungwanpur (p-o), passed at 6½ m.; cross the Ganges canal on starting. |
| | | ANARPUR HEGAMPUR . | 10½ | 10½ | |
| | | 270 x 200 yds. | | | |

| APPROPRIETIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut Dis- trict, Meerut. | Collector of Saharanpur, Saharanpur. | SAHARANPUR . . . | 11½ | 22½ | See Route 135. Country as above; road bridged and fit for all arms, metalled as far as the Hindan R.; cross the Kali Nadi on starting, the Hindan at 6½ and the Nagdeo at 10 m. |
| | | SIRSAWA . . . | 9½ | 32½ | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Umballa, Umballa. | JAGADHRI . . . | 14½ | 47½ | See Route 459. |
| | | CHAPPAR . . . | 7½ | 55 | |
| | | ADHOA . . . | 9½ | 64½ | See Route 460. |
| | | SHAHABAD . . . | 10½ | 76 | |
| | | UMBALLA . . . | 13½ | 88½ | For other remarks see Route 459. See Route 266. |
| Total marches, 8 = | | | | | |
| | | 88½ m. | | | |

Route No. 565.
FROM SAHARANPUR TO CHAKRATA.
via THE TIMLI PASS.

| AUTHORITIES. | | Names of stages and also of encamping grounds | DISTANCE. | | REMARKS. |
|-----------------------------------|---|---|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | KALSIA 290 x 240 yds | 15 | 15 | A village; supplies on notice; plentiful fair water from a well on O-G, which is E. of road; country open and cultivated; road metalled and bridged throughout; pass Kalsia at 18 m., and immediately afterwards cross the Jumna canal and Amlawa Rao. |
| | Superintendent of Dehra-Dun, Dehra-Dun. | BADSHAHI DAGH 310 x 280 yds. | 19½ | 27½ | A small village at the entrance of the Timli pass; supplies on notice; good water from a well near O-G, which is W. of road; country and road as above; cross the Jumna canal at 2½ m. |
| | | DHARMWALA 36,170 sq. yds. | 11½ | 39½ | A small collection of huts on left bank of the Amla; supplies on notice; good water from the river and from a well on O-G, which is about 600 yds. E. of the former; country and road as above. The summit of the pass above Badshahi Dagh is about 750 ft. high. |
| | | KALSI 131,800 sq. yds. p-o b. | 11½ | 60½ | A village about 2 m. beyond the O-G, which is at Tiwari, ½ m. from the right bank of the Jumna; supplies on notice; good water from the river; country at first level and fairly cultivated, afterwards undulating with some forest; road as above; cross the Amla at ½, pass Ambhari at 8, and cross the Jumna, by suspension bridge, at 11 m. |
| | | SAIAH 155 x 75 yds | 11½ | 62 | A small hamlet; supplies must be collected; good water from the Surda Kudh W. of site for O-G, which is E. of road and just above the Amlawa R., the water of which is unfit for drinking; country mountainous; road as above but all up-hill. |
| | | KURWAH | 7½ | 69½ | A small village; supplies must be collected; plentiful good water from a stream 200 yds. below small site for O-G, which is on roadside N. of village; country and road as above; this camp is seldom used by troops, who usually take a short road, which branches off the cart-road at about 2 m. after crossing the Amlawa R. and leads straight into Chakrata. |
| | | CHAKRATA | 8 | 77½ | See Route 406. Country and road as above. |
| | | Total marches, 7 = 77½ m. | | | |

Route No. 565(a).
FROM SAHARANPUR TO CHAKRATA.
via MAJRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|-----------------------------------|--------------------------------------|--|--------------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Meerut District, Meerut. | Collector of Saharanpur, Saharanpur. | FATEHPUR . . | 15 | 15 | Country open; road, 30 ft. wide, metalled and bridged; cross the Nagadeo and the Hindan <i>en route</i> . From Fatehpur a metalled road runs S.E. to Roorkhee, distant 15 m. |
| | | MOHAND . . | 18 | 23 | |
| | | Superintendent of Dehra-Dun, Dehra-Dun. | MAJBA . . | 11½ | 39½ |
| | JHAJRA . . | | 12½ | 51½ | See Route 407. |
| | SAHUSPUR . . | | 7½ | 59½ | |
| | KALSI . . | | 11 | 70½ | See Route 565. For other remarks see Route 400. |
| | SAIAH . . | | 11½ | 81½ | |
| | KURWAN . . | | 7½ | 89½ | |
| | | | CHAKRATA . . | 8 | 97½ |
| | | Total marches, 8 = 97½ m. | | | |

Route No. 566.
FROM SARAI MIRAN (on the Grand Trunk Road) TO PILAPHUND RY. STN.
via BELA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Collector of Faizabad, Faizabad. | TIRWA | 12 | 12 | See Route 77. Country level and cultivated; road unmetalled, but partially bridged; pass Ganghimpur at 3 and cross the Iann Nadi at 9 m., by ford in dry season, by ferry (1 boat) in the rains. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Collector of Etawah, Etawah. | DELA . . . p.o. | 12½ | 24½ | A village; supplies procurable; good water from wells; extensive site for C-G. near police stn.; country as above; road fair, unmetalled, but raised and bridged; pass Unmads at 7½ m. From Bela a road runs S-E. to Ramlebad (p.o.) distant 12 m. A village; supplies on notice; good water from wells; camp could be pitched anywhere near village; country and road as above, latter difficult for wheeled traffic in the rains. See Route 554. Country and road as above. |
| | | SAUTHRA . . . | 11 | 35½ | |
| | | PHAPHUND BY. STN. Total marches, 4 = 42½ m. | 7 | 42½ | |
| | | | | | |

Route No. 567.
FROM SASARAM TO DALTONGANJ (BIJRA).
via AURANGABAD AND MAHARAJGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collr. of Allahabad, Allahabad. | DEHRI . . . | 12 | 12 | See Route 266. |
| | | BARUN . . . | 8 | 16 | |
| G. O. C. Presidency District, Fort William. | Collr. of Gaya, Gaya. Deputy Commissioner of Palamanu, Daltonganj. | AURANGABAD . . . | 14 | 29 | |
| | | MAHARAJGANJ . . . 60,000 sq. yds. b. | 16 | 45 | A small town; supplies on notice; plentiful good water from 5 wells in an adjoining village, about ½ m. from which, in a mango grove, is C-G.; country flat; road unmetalled, but raised and nullahs bridged; cross the Batani en route, by ford in dry season, by ferry (1 small boat) in the rains. |
| | | SULTANI . . . | 7 | 52 | |
| | | CHHATARPUR . . . p.o. | 8 | 60 | A village; supplies on notice; fair water from wells 100 yds. E. of village, on N. and S. sides of which are suitable sites for C-G.; country undulating and jungly; road 18 ft. wide, unmetalled, but fair; nullahs fordable. |
| | | NOWA . . . | 8½ | 68½ | |
| | | RAJERA . . . | 9 | 77½ | A village; supplies on notice; fair water from wells ½ m. W. of C-G., spacious site for which is N. of and close to village; country and road as above; streams always fordable. |
| | | DALTONGANJ (BIJRA) . . . | 10 | 87½ | |
| | | Total marches, 9 = 87½ m. | | | A village; supplies on notice; fair water from wells 400 yds. N. of C-G., extensive site for which is 400 yds. E. of village; country and road as above; nullahs bridged. See Route 228. Country as before; road, 18 ft. wide, gravelled and fit for all arms; cross the Amanat R. en route, by ford, except after heavy rain. |

Route No. 567(a).
FROM SASARAM TO DALTONGANJ (BIJRA).
via DEHRI AND HOSENABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collr. of Allahabad, Allahabad. | DEHRI . . . | 12 | 12 | See Route 266. |
| | | BARUN . . . | 8 | 16 | |
| G. O. C. Allahabad District, Fort William. | Collr. of Gaya, Gaya. Deputy Commissioner of Palamanu, Daltonganj. | MAHUANWAN . . . 400 × 200 yds. | 11 | 26 | A small village near right bank of the Son; supplies on notice; plentiful good water from 3 wells within ½ m. of C-G., suitable site for which is N. of village and ½ m. from the river; country jungly; road, a fair weather one, unmetalled, unbridged, but raised. |
| | | DINAWAR . . . 300 × 200 yds. | 12 | 38 | |
| | | HOSENABAD . . . p.o. t.s. | 7 | 45 | A small village near right bank of the Son; supplies on notice, but scarce; good water from 3 wells in village and from the river, ½ m. from which and W. of road is site for C-G.; country and road as above; cross a nullah (fordable, except after heavy rain) at 11 m. |
| | | MUHAMMADGANJ . . . | 11 | 56 | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Fakhari, Daltonganj. | MANJHIWANA 200 x 200 yds. p.o. | 9½ | 66½ | A large village near the Koli; supplies on notice; good water from the river, C-G, ½ m. S. of village; country and road as above; cross the Koli at end of stage by a ferry-boat carrying 50 men. Country and road as before. See Route 176. For other remarks see Route 233. |
| | | GARHWA . . . | 12 | 77½ | |
| | | BANPURWA . . . | 9 | 86½ | |
| | | DALTONGANJ (BILRA) . . . | 12 | 98½ | |
| | | Total marches, 10 = 98½ m. | | | |

Route No. 588. FROM SAUGOR TO BANDA.

via SHAHGARH, HIRAPUR, CHHATARPUR AND MAHOBA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbada District, Jabalpur. | Deputy Commissioner of Saugor, Saugor. | KARAPUR . . . 105,000 sq. yds. | 9 | 9 | A village near the Banki Nadi; supplies on notice; good water from a well (diameter 14 ft., depth of water 6 ft.) D. of C-G, which is W. of village and divided by a stream, where animals may be watered; country open and cultivated; road metalled and good; nullahs strongly bridged. There is another road to Karapur, running parallel to the main road, but it is a mero cart track. A village; supplies on notice; good water from 2 wells (both 13 ft. in diameter) close to C-G, which is W. of road and S. of village; country covered with scrub-jungle with cultivation near villages; road as above; nullahs are paved; cross the Banki (fordable except after heavy rain) on starting, pass a well at S, and the village of Dilakheri at about 8½ m. A village; supplies on notice; plentiful good water from 8 wells in vicinity of C-G, which is W. of road and E. of village; animals water at adjacent nullah; country partially cultivated for first 7 m., thence covered with thick scrub-jungle; road under construction, close to it is a cart track, suitable for all arms in dry weather; nullahs stony; pass Tansi at 5½ and a good well at 6 m. A village; supplies on notice; good water from a well N. of, and two others near the old village fort ½ m. from, C-G, which is N. of village and close to a stream, where animals may be watered; country hilly and interspersed with jungle; road as in last stage, but stony in places; cross the Bils Nadi (dry, except in the rains) at S, again at 4½ m. and once more at end of stage. Country hilly and jungly, with cultivation near villages; road as in last stage; nullahs not difficult. |
| | | BANDA 122,500 sq. yds. p.o. | 10 | 19 | |
| | | RURAWAN . . . 180,000 sq. yds. | 11 | 30 | |
| | | SHAHGARH . . . 400 x 150 yds. p.o. | 12½ | 42½ | |
| | | HIRAPUR . . . | 7½ | 50 | |
| | | SARWA . . . | 9½ | 59½ | |
| | | MULBARA . . . | 6½ | 66 | |
| | | GULGANJ . . . | 10½ | 76½ | |
| | | MATGAON . . . | 11 | 87½ | |
| | | CHHATARPUR . . . | 9½ | 97½ | |
| G. O. C. Bundelkhand District, Agr. | Col. of Hamirpur, Banda, Hamirpur. | MALARA . . . | 11½ | 109½ | See Route 150. For other remarks see Route 150. See Route 145. See Route 304. For other remarks see Route 29. |
| | | SRINAGAR . . . | 11½ | 120½ | |
| | | MAHOBA . . . | 9½ | 129½ | |
| | | KABRAI . . . | 11½ | 141 | |
| | | MATAUNDH . . . | 10½ | 151½ | |
| | | BANDA . . . | 12½ | 164½ | |
| | | Total marches, 16 = 164½ m. | | | |

Route No. 569. FROM SAUGOR TO HOSHIANGABAD. *via* SIRMAU AND JAMGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbada District, Jabalpur. | By Commr. of Saugor, Saugor. | BILLAIRA 1,400 x 800 yds. | 16 | 16 | A large village near the Terkul; supplies procurable; good water from the river, ½ m. E. of which, and ½ m. N-E. of village, is C-G, with a well on it; country flat and cultivated; road unbridged and bad, not kept in repair, impracticable for wheeled traffic in the rains; all nullahs passable, but difficult; cross the Bows (always possible) on route. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Political Agent in Bhopal, Bhopal. | NYGHARIA . 600 x 400 yds. | 13½ | 20½ | A village; supplies must be collected; good water from wells in village, 2 m. N-E. of which, and near road, is suitable site for C-G.; country and road as before; pass Chartoli at 7 m. |
| | | SIRMAU . 47,020 sq. yds. | 9½ | 30 | A large village; supplies obtainable; plentiful good water from a well, and (for animals) from a tank close to C-G., which is 200 yds. S. of village; country hilly and jungly; road bad, unmetalled, and difficult for carts in rains; nullahs as before; pass Galwara at 2 and Piparia at 5½ m. |
| | | SILWANI . 108,860 sq. yds. p-o. | 10½ | 49½ | A large village; supplies limited; good water from the Begam Nadi, and wells close to C-G., which is N. of village, but not marked out; country and road as above; at 2 m. pass Sirmau Ghat, a stony, and in some parts steep, descent about a mile in length, thence between the hills to the Nakli (fordable except after heavy rain) crossed at 8½ m. |
| | | PARTABGARH . 10,000 sq. yds. | 13½ | 62½ | A large village; supplies on notice; plentiful good water from the Gajunda and several other nullahs in the vicinity; site for C-G. 800 yds. S. of village; road as in last stage; country flat, with distant hills; road as above; nullahs generally fordable; cross the Begam at 4, the Tero at Fararia at 8½, and the Sakasin at 9½ m. |
| | | JAMGARH . 44,460 sq. yds. | 10½ | 73½ | A large village; supplies on notice; plentiful good water from a tank and 2 wells, one on, and the other close to, C-G., which is 200 yds. N. of village; country partly cultivated and partly jungle; road and nullahs as above; pass Bosa at 6½, Turnkera at 7½, and cross the Garung Nadi (fordable except after heavy rain) to Delwar at 8½ m. |
| | | PARTELAI . 380 x 200 yds. | 11½ | 85½ | A large village; supplies on notice; plentiful good water from 2 wells, one close to, and the other 200 yds. E. of, C-G., which is 200 yds. N. of village; country and road as above; pass Galwara at 4½, cross the Gagra nullah (fordable except after heavy rain) at 6, pass Chaimpur at 8½ m., and cross the Banna R. towards end of stage, by ford, in dry season, by ferry, at Bari (p-o.), 3 m. higher up in the rains. |
| | | MALJHAR . 300 x 300 yds. | 8½ | 94½ | A small village close beneath the hills; supplies must be collected; good water from a well (diameter 11 ft., depth of water 25 ft.) 300 yds. S. of C-G., which is 200 yds. S. of village; country, road, and nullahs as above; pass Babai at 3, and Manipura at 5½ m. |
| | | DHOBI . 400 x 350 yds. | 0½ | 103½ | A large village; supplies on notice from Hoshangabad; good water from the Dhobi Nadi and a well near C-G., which is 230 yds. N-W. of village; country, road and nullahs as above; pass Khawado at 7½ m. |
| | | CHICHLI . 400 x 400 yds. p-o. | 8½ | 111½ | A large village on the Nerbudda; supplies procurable; good water from the river and a well 450 yds. N. of C-G., which is 340 yds. N. of village; country, road, and nullahs as above; pass Piparia at 2½ and cross the Dhobi Nadi (175 yds. broad, fordable 1 day after heavy rain) at 3 m. |
| | | HOSHANGABAD . | 9½ | 121½ | See Route 805. Country, road, and nullahs as above; cross the Nerbudda R. (600 yds. broad and unfordable) near end of stage, by ferry, 4 boats, each carrying 80 men. |
| | | Total marches, 11 = | | | |
| | | 121½ m. | | | |

Route No. 569(a).
FROM SAUGOR TO HOSHANGABAD.
via RAHATGARH, BHILSA, AND BHOPAL.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Deputy Commissioner of Saugor, Saugor. | BHAPYL . 94,380 sq. yds. | 9 | 9 | A village; supplies abundant; good water, for 2 battns., from 2 wells, one on, and the other 160 yds. N-E. of, C-G., which is on both sides of the road; country hilly with much cultivation; road bridged and in fair order, metalled as far as Ratna, 7 m., suitable for all arms; cross the Khuran Nadi near end of stage, by a stone bridge. |
| | | BAIRKAIRI . 90,000 sq. yds. | 10 | 10 | A very small village; no supplies locally; fair water, for a battn., from a well near, and (for animals) from a nullah ½ m. W. of, C-G., which is N. of road, 1 m. short of village; country as above; road, 15 ft. wide, unmetalled, but raised and bridged, suitable for all arms; pass Sohara at 3, cross the Dassan R. (100 yds. wide) at 8½ and pass Mohara at 4 m. |
| | | RAHATGARH . 100,000 sq. yds. p-o. | 6 | 26 | A small town; supplies plentiful; abundant good water from 2 wells about 800 yds. E. of C-G., which is S. of road and ½ m. from the Bina R., where animals may be watered; country open and cultivated at first, afterwards hilly and rocky; road as above, but rough and stony after the first 2 m., passable for all arms, but difficult in the rains. |
| | | BAGROD . 30,500 sq. yds. | 12½ | 37½ | A village; supplies limited; plentiful good water from 2 wells, one 200 yds. S-W of, and the other just N. of, C-G., suitable site for which is near village; country as before; road, a mere cart track, about 9 ft. wide, unbridged, except over the Bina, and impassable for wheeled traffic after heavy rain; cross the Bina soon after starting, pass Mirzapur (police outpost) at 6, and cross the Babnai (fordable, except after heavy rain) at 8½ m. |
| | | GARISPUR . 147,600 sq. yds. | 0½ | 46½ | A moderate-sized village; supplies scarce; good water, for a battn., from a well near C-G., which is in a large garden close to village and road; country jungly; road fair in fine weather, impassable in rains. |

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | KARRI | 12½ | 50½ | A village; supplies scarce; good water from a well and the Sea Nadi, near which and 100 yds. from village is small site for C-G.; country open and cultivated; road as above; cross the Keuton (fordable, except during the rains) at 6½, and pass Maripur at 10½ m. |
| | | BHILSA p-o. r-s. | 10½ | 70½ | A large village; town with a fort; supplies abundant; plentiful good water from wells on C-G., small site for which is near r-s. and about 1 m. from the Betwa R.; country and road as above; cross the Neon (twice) en route, by ford except when in flood. |
| | | GULGAUN 800 x 240 yds. | 9½ | 79½ | A small village; supplies on notice; good but limited water from a well in centre of C-G., which is N. of road and about 2 m. S. of r-s.; the water in the other well on the ground is bad; country as above; road good and passable for all arms, metalled for first 4½ m.; cross the Betwa (strongly bridged) soon after starting. |
| | | DIWANGANJ 810 x 200 yds. p-o. r-s. | 9 | 89½ | A small village; supplies limited; plentiful good water from a well 150 yds. N. of C-G., which is S. of road; country as above; road, 15 ft. wide, neither metalled nor bridged, passable for all arms in dry season, but difficult in the rains; cross the Gorapachar (fordable in dry weather) at 4 m. |
| G. O. C. Nerbudda District, Jabalpur. | Political Agent in Bhopal, Bhopal. | BHOPAL 520 x 370 yds. p-o. t-s. r-s. b. | 14½ | 103 | A large city, capital of the native state; supplies abundant; plentiful good water from a well on, and (for animals) from a lake 600 yds. from, C-G., which adjoins the road; country as above; road fair; the worst nullahs are bridged; at 7 m. the ry. line approaches to within 20 yds. of road and then runs parallel to it to Hoshangabad. For a road from Bhopal to Mhow see Bombay Route Book No. 228. |
| | | MISROD 150 x 100 yds. r-s. | 7 | 110 | A small village; supplies very limited; good water, for 2 battns., from 2 wells one on, and the other near C-G., site for which is 600 yds. S.E. of r-s.; country as before; road, a more country track, 15 ft. wide. |
| | | BISANKHERA 280 x 220 yds. | 11½ | 121½ | A small village; no supplies; good water, for 2 battns., from 2 wells, one on, and the other 400 yds. N.E. of C-G., which is 300 yds. W. of village; country hilly in parts, but generally open; road as in last stage; streams strongly bridged. |
| | | CHOKA | 12 | 133½ | A halting-place; no supplies; good but limited water from a well 400 yds. N. of C-G., ample site for which is E. of and close to the road; country and road as above; nullahs only unfordable after very heavy rain; cross a stream at ½ m. by a strong stone bridge. |
| Dr. Commr. of Hoshangabad, Hoshangabad. | | HOSHANGABAD | 9 | 142½ | See Route 366. Country hilly and wooded; road as in last stage, but only 9 ft. wide; for first 8 m. it is hilly and difficult for wheeled transport, but passable; cross the Nerbudda R. (800 yds. broad and unfordable) at end of stage, by ferry, 4 boats, each carrying 80 men. |
| | | Total marches, 14 = 142½ m. | | | |

Route No. 570.

FROM SAUGOR TO KARELI RAILWAY STATION.

via GURJANAR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Deputy Commissioner of Saugor, Saugor. | CHITORA 90,000 sq. yds. | 10 | 10 | A small village; supplies scanty; good water, for 2 battns., from a well 500 yds. E. of C-G., which is about 600 yds. from the Betwa R. where animals can be watered; country at first fairly flat and cultivated, then hilly and jungly, afterwards undulating with patches of cultivation; road metalled and bridged, except over the Betwa, crossed at end of stage, by ford over a stone causeway (built yearly) except when in flood; ferry, 2 boats, each carrying 40 men. |
| | | SURKHI 90,000 sq. yds. p-o. b. | 8 | 18 | A village; supplies procurable in small quantities; plentiful good water from 2 wells ½ and ¼ m., respectively, N. of C-G., which is 60 yds. N. of b.; country as in the latter part of last stage; road as above; pass Sarkhi village at 7½ m. |
| | | GURJANAR 90,000 sq. yds. p-o. | 11 | 29 | A large village; supplies procurable; plentiful good water from 2 wells 500 yds. N.E. of C-G., which is W. of road and about ½ m. N. of the Sonar R., where animals may be watered; country as in last stage at first, afterwards flat, open and cultivated; road as above; nullahs unbridged, but fordable, except for a few hours when in flood; cross a small ghat to Esti at 7½ m. |
| | | DEVRI 105,900 sq. yds. p-o. b. | 10½ | 39½ | A fair-sized town on right bank of Sukohain Nadi; supplies on notice; good water, for a battn., from a well in police station compound, about 110 yds. W. of C-G., which is E. of road and about 600 yds. from the nadi, where animals may be watered; country for 6 m. hilly and jungly, afterwards fairly flat, open, and cultivated; road as before; cross the Sonar (40 yds. wide) soon after starting and the Sukohain at end of stage, both by ford, except for a few hours at flood time; there are ferries over these streams, 1 boat, each carrying 40 and 25 men respectively. |
| | Deputy Commissioner of Narsingpur, Narsingpur. | MAHARAJPUR 330 x 330 yds. p-o. | 8½ | 47½ | A village; supplies on notice; good water, for a battn., from a well on C-G., which is ½ m. W. of road; country open and well cultivated; road as before; nullahs fordable except when in flood. |
| | | SUATALLAV 105,270 sq. yds. p-o. | 10½ | 57½ | A small village; no supplies; good water, for 2 battns., from a well on C-G., which is E. of road; country as in last stage for 8½ m., then hilly, but fairly open for 2 m., afterwards hilly and jungly; road as before. |
| | | BARMAN 60,770 sq. yds. p-o. | 7 | 64½ | A small village; supplies in small quantities; good water, for a battn., from a well 20 yds. S. of C-G., which is on both sides of the road and ½ m. from the Nerbudda R., where animals may be watered; country level, open and cultivated; road as above; pass Sagri at about 4 m. |
| | | KARELI RY. STN. 110,440 sq. yds. p-o. b. | 10 | 74½ | A village, about ½ m. from the r-s.; supplies procurable; abundant good water from 3 wells, one on, and the other 200 yds. S. of C-G., which is near village; country and road as in last stage; cross the Nerbudda (220 yds. wide) near Barman, by ford in dry season, by ferry (8 boats, each carrying 40 men) in the rains and the Dhamni near end of stage. |
| | | Total marches, 8 = 74½ m. | | | |

FROM SAUGOR TO MHOW as far as SONKACH (for remainder see Bombay Route Book No. 229).

via RAHATGARH, BHOPAL, SEHORE, AND ASHTA.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbada Dist., Jabalpur. | Dy. Comm. of Saugor, Banger. | BHAPTL . . . | 9 | 9 | NOTE.—This route is passable throughout for all arms at all seasons, except at certain points indicated, when delays are possible after very heavy rain, when rivers are in flood. |
| | | BAIRKAINI . . . | 10 | 19 | |
| | | RAHATGARH . . . | 6 | 25 | |
| G. O. C. Bandelkhand Dist., Agre. | Resident at Gwalior. | BAGROD . . . | 12½ | 37½ | See Route 569(a). |
| | | GARISPUR . . . | 9½ | 46½ | |
| | | KARRI . . . | 12½ | 59½ | |
| | | BHILSA . . . | 10½ | 70½ | |
| | | GULGAUN . . . | 9½ | 79½ | |
| | | DIWANGANJ . . . | 9 | 88½ | |
| | | BHOPAL . . . | 14½ | 103 | |
| | | KAJURI 150 x 150 yds. b. . . | 11 | 114 | |
| | | SEHORE 400 x 300 yds. p-o. t-s. r-s. . . | 12 | 126 | |
| | | ANLAI 270 x 110 yds. b. . . | 12 | 138 | A small village; no supplies; good water, for a battn., from a well in b. compound, 400 yds. N.W. of which is site for C-G.; country open and cultivated, but hilly for first 3 m.; road metalled and bridged, suitable for all arms; ascend the Nalapur Ghat at 1½ m. |
| | | ASHTA . . . p-o. b. . . | 19½ | 157½ | |
| | | METWARA . . . | 16½ | 165 | |
| | | SONKACH 150 x 160 yds. p-o. . . | 0 | 177 | A town and small cantonment; supplies plentiful; good water, for a battn., from a well 100 yds. S.E. of C-G., which is N. of road and about 150 yds. from a nullah, where animals may be watered; country flat, open, and cultivated; road as in last stage; pass Banda at 2 m. For a road from Sehore to Mhow see Bombay Route Book No. 231. |
| | | Total marches, 10 = 177 m. | | | |
| | | | | | |

Route No. 571(a).

FROM SAUGOR TO MHOW as far as HAT-PIPLIA (for remainder see Bombay Route Book No. 229(1)).

via RAHATGARH, BHOPAL, SEHORE, AND GAJNA.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|------------------------------|--|-----------|--------|-------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Norbada Dist., Jabalpur. | Dy. Comm. of Saugor, Banger. | BHAPTL . . . | 9 | 9 | |
| | | BAIRKAINI . . . | 10 | 19 | |
| | | RAHATGARH . . . | 6 | 25 | |
| G. O. C. Bandelkhand Dist., Agre. | Resident at Gwalior. | BAGROD . . . | 12½ | 37½ | See Route 569(a). |
| | | GARISPUR . . . | 9½ | 46½ | |
| | | KARRI . . . | 12½ | 59½ | |
| | | BHILSA . . . | 10½ | 70½ | |
| | | GULGAUN . . . | 9½ | 79½ | |
| | | DIWANGANJ . . . | 9 | 88½ | |
| | | BHOPAL . . . | 14½ | 103 | |
| | | | | | |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Agent to Governor-General in Central India, Political Agent in Bhagalpur, Schore. | KAJURI . . . | 11 | 114 | See Route 671. |
| | | SEHORE . . . | 12 | 120 | |
| | | AMLAJ . . . | 12 | 138 | |
| | | ASHTA . . . | 18½ | 161½ | |
| | | GAJNA . . . 180 × 186 yds. | 10 | 161½ | A very small village; no supplies; good water, for a battn., from 2 wells close to G.G., which is 180 yds. N. of village; country open, undulating and cultivated; road neither metalled nor bridged, passable for all arms in dry season; at 8½ m. cross the Parbat R., unfordable only after heavy rain. |
| | | TAPPA . . . b. | 10½ | 171½ | A small village; no supplies; good water, for a battn., for 2 wells, one in b. compound, the other ½ m. N. of G.G., small site for which is W. of village and N. of road; country generally flat with teak forests on both sides; road as in last stage; at 6½ m. begin to cross over a low range of hills which continue to 7½ m.; gradient 1 in 20; cross a stream (almost dry in hot weather) at about 8 m., by ford, only impassable after heavy rain. |
| | | HAT-PIPLIA . . . p-o. | 12½ | 189½ | A small town; supplies abundant; good water from 2 wells in vicinity of G.G., site for which is N. of road and near a stream; country hilly with teak forests; road as before; ford the Senda (dry in dry season) at 8½, again at 4 and the Kali Sindh at 6 m.; these fords are only impassable after heavy rain. |
| | | Total marches, 17 = 189½ m. | | | |

Route No. 572.
FROM SAUGOR TO NAGODE.
via DAMOH AND HATTA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|---------------------------------------|--|--|-----------|--------|--|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Nerbudda District, Jabalpur. | Dy. Commr. of Saugor, Saugor. | PARSORIA . . . | 14½ | 14½ | See Route 37. | |
| | | GARHAKOTA . . . | 14 | 28½ | | |
| | | BANSA . . . | 12½ | 41½ | | |
| | | DAMOH . . . | 7½ | 49½ | | |
| | Dy. Commr. of Damoh, Damoh. | BANGAON . . . | 12 | 60½ | See Route 304(a). | |
| | | HATTA . . . | 11 | 71½ | | |
| | | HINOTA . . . | 10 | 81½ | | |
| | | GAISABAD . . . | 6½ | 88½ | | |
| | | TIGRA . . . | 9½ | 97½ | | |
| | | MAHWA . . . | 14 | 111½ | | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bundelkhand, Norgang. | GONOUR . . . | 9 | 120½ | A small village; supplies on notice; plentiful good water from 2 wells, one N. of, and the other S. of, C-G., site for which is near road and 100 yds. S-E of village, country open and undulating; road good, passable at all times for all arms; pass Lohargoon at 4½ m. | |
| | | GIRWARO . . . 20,000 sq. yds. | 12 | 132½ | | |
| | | NAGODE . . . | 10 | 142½ | | See Route 35. Country fairly cultivated; road, 10 ft. wide, unmetalled, but passable for all arms, though difficult after heavy rain; pass Samri at 4½ m. |
| | | Total marches, 18 = 142½ m. | | | | |

Route No. 573.
FROM SAUGOR TO NEEMUOH as far as TEHLA (for remainder see Bombay Route Book No. 241).

via RAHATGARH, BHILSA, NARSINGARH, AND JHALRAPATAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---------------------------------|--|-----------|--------|-------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbudda District, Jabalpur. | Dy. Commr. of Saugor, Rahtgarh. | BHAPYL . . . | 9 | 9 | See Route 569(a). |
| | | BAIRKAIRI . . . | 10 | 19 | |
| | | RAHATGARH . . . | 6 | 25 | |

| AUTHORITIES. | | Names of places and size of encamping ground. | DISTANCE. | | REMARKS. |
|--|--------------------------------------|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | BAGROD . . . | 12½ | 37½ | See Route 600(a). |
| | | GARISPUR . . . | 9½ | 46½ | |
| | | KARRI . . . | 12½ | 59½ | |
| | | BHILSA . . . | 10½ | 70½ | |
| | | KANKERA . . . | 12½ | 83½ | |
| G. O. C. Nerbudda District, Jabulpore. | Political Agent in Bhopal, Bhopal. | BERASIA p-o. . . | 14 | 97½ | A fair-sized village; supplies abundant; good water from a well 200 yds. S. of, and indifferent water from 2 other wells, one on O-G., site for which is ½ m. N. of village; country as above; road, a mere cart track, impassable for wheeled traffic in the rains; pass Salala at 4 and Mankia at 11 m. |
| | | KULAKHERA 150 x 150 yds. . . | 12½ | 109½ | A village; supplies abundant; water from a nullah ½ m. N. of C-G., suitable site for which is ½ m. N. of road; a well (under construction) 200 yds. S. of the ground; country hilly and jungly, with patches of cultivation; road as in last stage; cross a stream (fordable, except after heavy rain) at 1, pass Ramgara at 6 and Dhannour at 12 m. |
| | | NABISINGARH 350 x 150 yds. p-o. t-s. b. . . | 12½ | 122½ | A large town, situated at the western foot of a fortified hill; supplies abundant; plentiful good water from 3 wells and a tank (for animals) on C-G., which is close to town, well shaded, but badly drained and becomes a quagmire in the rains; country jungly, with partial cultivation, and hilly in parts; road as above; nullahs generally fordable; pass a hill fort at Maunggarh at 4½, cross the Parbat R. at 6½ m., by ford in dry season, by ferry (1 small dug-out) in the rains, and pass Barota soon afterwards. |
| | | BISANA . . . | 18½ | 130 | A small village; supplies on notice; fair water from a well 500 yds. N-E. of, and indifferent water from a well on, C-G., small site for which is W. of road; country open and undulating, but hilly near Narasingarh, little cultivation; road metalled for a short distance, then a cart track as above; pass Pipila at 6½, cross the Sukar R. at 8½, and the Dodi at 11½ m., both fordable except after heavy rain. |
| | | BHOPALPURA 200 x 80 yds. . . | 11½ | 147½ | A small village on E. bank of the Newsaj; supplies on notice; good water from the river; site for C-G. W. of and close to village; country open and undulating; road a good cart track, but becomes miry and out up after rain; nullahs easy to cross; pass Bhilwaria at 4½ and Karanwas, on Route 10, at 8 m. |
| | | KARERI 10,000 sq. yds. . . | 9½ | 156½ | A village; supplies procurable; good water from wells; site for C-G. S. of and close to village; country and road as above, latter roughly metalled in parts; pass remains of the old cantonment at 1½, cross the Nerva (80 yds. wide) at 2½; only unfordable for a few days after heavy rain, pass Khanpur and Marari, separated by a shallow, stony nullah, at 3 and Gorakpur at 8 m. |
| | | KHILCHIPUR 800 x 200 yds. p-o. . . | 9½ | 166½ | A town on the banks of the Ghar; supplies procurable; plentiful good water from wells, that in the river is bad; C-G. on both sides of road, just before entering the town; country and road as above; nullahs easy; cross rocky bed of the Ghar (50 yds. wide) just before reaching camp, dry in hot weather and fordable in the rains. |
| | | BHOJPURA 200 x 80 yds. . . | 9½ | 175½ | A village; supplies on notice; good water from wells, but scarce in hot weather; site for C-G. on W. side of village; country and nullahs as above; road, a fair cart track, but stony, rough, and steep in places; pass Doulaj at 4 and Dabli at 7 m. |
| | | BHALTA . . . | 10½ | 185½ | A village; supplies on notice; plentiful good water from wells; small site for C-G. on left of road, just before entering village; country as above, but thick jungle for last 2 m.; road, first half a fair cart track, second-half bad, rough, and stony, very steep in parts, unsuitable for guns; pass Amleuda at 8 m., and cross the Chopi (fordable, except after very heavy rain) just afterwards. |
| | | RATLAI . . . | 12½ | 198½ | A large village; supplies procurable; plentiful but indifferent water from wells; small site for C-G. W. of village; country hilly in parts and mostly jungle; road, first-half bad and rough, second-half good; nullahs as above; pass Baulikhera at about 4 m. |
| G. O. C. Bundelkhand District, Agra. | Political Agent, Jhalawar, Jhalawar. | RICHWAN . . . | 7½ | 205½ | A large village; supplies procurable; plentiful good water from wells; small site for C-G. near village; country hilly to the right and open to the left; road, 8 ft. wide, unmetalled, but good; nullahs as before; pass Burikhera at 6½ m. |
| | | JHALRAPATAN . . . | 8½ | 214½ | Country open and well cultivated; road, 30 ft. wide, metalled and good; cross the Kali Sindh R. at 2, by ford, over a good stone causeway, except for a few days after very heavy rain, and pass Banjara at 4½ m. |
| | Pol. Agent, Kotah, Kotah. | BILWARA . . . | 8½ | 222½ | See Route 293. |
| | | OSARA . . . | 9½ | 232½ | |
| | Pol. Act. Western Malwa. | BRANPURA . . . | 9½ | 242½ | |
| | | TEHLA . . . | 10½ | 252½ | |
| | | Total marches, 24 = 252½ m. | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|--|---|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbadda District, Jabulpore. | Dr. Umar, of Saugor, Saugor. | PARSORIA | 14½ | 14½ | See Route 37. |
| | | GARIHAKOTA | 14 | 28½ | |
| | Deputy Commissioner of Damoh, Damoh. | BANSA | 12½ | 41½ | |
| | | DAMOH | 7½ | 49½ | |
| | Deputy Commissioner of Jabulpore, Jabulpore. | JUHARU 100 x 200 yds. | 12½ | 60½ | A village near the Biarni; supplies on notice; plentiful good water from a large well on C-G, site for which is N. of village; animals water at the river; country undulating and barren; road, 10 ft. wide, unmetalled, but practicable for all arms; nullahs unbridged. |
| | | MAHA | 12½ | 73 | A village near the Sun B.; supplies must be collected; fair water from the river; plenty of level space in vicinity of village for C-G.; country as above; road neither metalled nor bridged, but practicable for all arms, though bad for wheeled traffic in the rains; cross the Biarni (100 yds. wide) on starting, by ford, except after heavy rain. |
| | | SURAKA | 8½ | 81½ | A few huts; supplies must be collected; plentiful but indifferent water from a small stream, C-G would have to be cleared; country as above, road, only a narrow jungle path, impracticable for carts and difficult for laden animals; cross the Sun (80 yds. wide) on starting, and again at Doctam Ghât at 8½ m., both places by ford except after heavy rain. |
| | | MAHONTA 162,600 sq. yds. | 11½ | 93 | A small village; supplies must be collected; plentiful but very indifferent water from a tank and a well W. of C-G, shady site for which is N.E. of village; country and road as in last stage; pass Jhada at 6 and cross the Giddam Ghât at 7½ m. |
| | | KUAN 87,610 sq. yds. | 8½ | 101½ | A large village; supplies on notice; abundant good water from 3 wells in village, 160 yds. N.E. of which is C-G; country jungle and sparsely cultivated; road unmetalled, but fair; pass Bahuriban at 8½, cross the Sohar (bridged) at 9½, pass Papan at 9½, and cross the Sohar again at 7 m., by ford except after heavy rain. |
| | | BARAJLI 16,480 sq. yds. | 10½ | 112 | A village; supplies must be collected; abundant but indifferent water from a stream, near which and N. of village is site for C-G; country flat and cultivated, with jungle at intervals; road, only a jungle path, passable for cavalry in single file; nullahs unbridged; cross the Sohar (dry in cold weather) on starting, by ford except after heavy rain, pass Majhauhi at 7, and cross the E. T. Ry. line at 8 m. |
| | | BALA KANDUWARA | 11½ | 123½ | A small village; supplies on notice; abundant good water from 3 wells in, and a large tank S. of village, site for C-G must be cleared; road, an unmetalled country track, passable for all arms; country flat and well cultivated for first 3 m., afterwards dense jungle with hills on both sides; cross the Bilpara (40 ft. wide, bottom shingle, fordable except after heavy rain) on starting and pass Umaria (a large village) at 8 m. |
| | | KHUNTARA 200 x 160 yds. | 11½ | 135 | A small village; supplies must be collected; plentiful good water from 2 wells in village, about 200 yds. S.E. of which is C-G, marshy in wet weather; animals water at a large tank; country jungle with patches of cultivation here and there; road as in last stage, but difficult for wheeled traffic; pass Kalra at 8, and cross the Bilote (fordable, except after heavy rain) and the Cherry Bazar Ghât at 9½ m. |
| | | NAHWAR 260 x 120 yds. | 11½ | 146½ | A fair sized village near the Machnar; supplies must be collected; good water from the river, on bank of which and 200 yds. S.W. of village is C-G; country as above, road, a mere jungle path, passable for cavalry in single file; cross the Meha Nadi (100 yds. wide) near Gura at about 4, pass Akhar at 6, Jega at 9 m., and cross the Machnar at end of stage, both rivers are fordable except after heavy rain. |
| Ranch Territory. Political Agent in Bighelkhand, Satna. | | MAHROI 40,000 sq. yds. | 10½ | 157 | A small village 2 m. S. of Umaria r.s.; supplies on notice; plentiful good water from 2 wells in village, 160 yds. S.W. of which is C-G; animals water at a nullah; country and road as above; nullahs unbridged and sometimes difficult; pass Dhod at 2, Majhama at 6 m., and cross the Naraura (fordable, except after heavy rain) soon afterwards. In cold weather it would be better to halt at Umaria. |
| | | SINGWARA 80,000 sq. yds. p-o. | 10½ | 167½ | A large village; supplies procurable; abundant good water from the Gurehat, 400 yds. from which and N. of village is C-G; country and road as above; nullahs unbridged. |
| | | BIRSINGHPUR (PALI) p-o. r.s. b. | 7½ | 175½ | A village with bazar; supplies procurable; plentiful good water from a well and a tank close to C-G., good and dry site for which is in a mango grove S.W. of village; country undulating, jungle, and little cultivated; road and nullahs as above; cross the Gurehat (80 yds. wide) soon after starting and the Jhilla (160 yds. wide) at 4½ m., both fordable except after heavy rain. |
| | | GHUNGHUTI r.s. | 10½ | 186½ | A small village; supplies on notice; abundant good water from a small stream, 200 yds. from which and S. of village is site for C-G; country chiefly covered with trees and grass-jungle; road difficult and stony, but passable, crossing over the Murcha Ghât; last 2 m. good; nullahs as before; cross the Kaural B. (fordable, except after heavy rain) at 2 m. |
| | | SOHAGPUR 200 x 165 yds. p-o. b. | 11½ | 197½ | A large village about 2 m. N. of Sahdol r.s.; supplies plentiful; good water from a well 4 m. W. of C-G, good site for which is in a mango grove S. of village; country hilly and jungle, cultivated here and there; road unmetalled and unbridged, but fair, except over ghâts where it is stony and difficult, not suitable for guns, cross the Bawar (60 yds. wide) at 7½ and the Murma (80 yds. wide) at 11 m., both fordable, except after heavy rain. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Nerbunda District, Jabalpure. | Rohar Territory. Political Agent in Baghelkhand, Satna. | KANGHANPUR . | 8½ | 205½ | A small village; supplies must be collected; abundant good water from a tank close to N.E. corner of C-G., good site for which is about 660 yds. N. of village; country flat, open, and cultivated; road as before, but tolerably good, except at the nullahs, which are stony and difficult; pass Jamoi at 4 m. |
| | | DANPURI . | 8½ | 218½ | A small village; supplies must be collected; abundant good water from a tank close to W. side of C-G., good site for which is about 660 yds. N. of village; country and road as in last stage; cross the Sarpa (70 yds. wide) soon after starting, by ford except after heavy rain, and pass Lalpur at 2 m. |
| | | ANNUPPUR . r-s. | 12 | 235½ | A village; supplies on notice; abundant good water from a tank 380 yds. E. of C-G., good site for which is in a mango grove ½ m. S-W. of village; country and road as above; pass Dhirauli at ½ m., cross the Bakau (80 yds. wide) at ½ m. and the Ghandas (40 yds. wide) at ½ m., both by ford except after heavy rain. |
| | | DHANGUWA . | 11½ | 237 | A small village; supplies from Jaitthari (r-s.), 8 m. distant; abundant good water from a tank 300 yds. N-E. of C-G., good site for which is in a mango grove E. of village; country open and fairly cultivated; road as above; cross the Tiyani (200 yds. wide) en route, by ford except when in flood. |
| | | MUNDHA . | 8 | 245 | A small village; supplies on notice; abundant good water from a tank ½ m. from C-G., good site for which is 660 yds. E. of village; country hilly, but fairly cultivated, with jungle here and there; road as above; pass Lapia at 5 m. |
| | | Total marches, 28 = 245 m. | | | |

Route No. 575.
FROM SAUGOR TO SIRONJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | G. O. C. Nerbunda District, Jabalpure. | NARAULI 600 × 400 yds. r-s. | 18½ | 18½ | A village situated between 2 hills; supplies ample; good water from 2 large wells; C-G. N-W. of village; country hilly and cultivated; road metalled for first 1½ m., but bridged throughout, practicable for cavalry; cross the Amaoni and Kurai rivers en route. |
| | | MANDRA 200 × 200 yds. r-s. | 8 | 21½ | A small village; supplies on notice; fair water from a large nullah; C-G. on both sides of road near r-s.; country jungle with sparse cultivation; road 8 to 18 ft. wide and unmetalled, practicable for cavalry; cross the Dassan R. at S, by an easy ford over a causeway, and the Sondni (bridged) at 4 m. |
| | | KURAI p-o. r-s. | 11½ | 33½ | A fair-sized town; supplies abundant; good water from 8 large wells; space to encamp a regt. S. of town; country hilly and jungle at first, afterwards open and cultivated; road for 4½ m. very rough and stony, but improves afterwards, passable for cavalry; nullahs bridged; cross the Narain (fordable) at about 8½ m. |
| | | HIRAN . | 11½ | 44½ | A small village on left bank of the Bina; supplies on notice; good water from the river and a large well near C-G., spacious site for which is close to road and N. of village; country open and cultivated up to 3 m., remainder jungle; road as above; pass Sūgwa at 7 and cross the Bina (bed stony) at about 8½ m., by ford (difficult) in dry season. |
| | | KURWAI p-o. | 10 | 54½ | A town with fort on right bank of the Betwa; supplies procurable; water from wells and the river; ample space for C-G. near town; country partially cultivated, and level; road metalled. |
| | | SIHALPUR 300 × 200 yds. | 14½ | 69 | A small village; supplies on notice; good water from a well on C-G., which is S. of road and near village, where there are 9 wells; country partly cultivated and partly jungle; road unmetalled, but in fair order; cross the Betwa on starting, by a stone causeway, and ford the Markhandi stream shortly afterwards. |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Uhopal, Sahore. | SIRONJ . | 9½ | 78½ | See Route 405. |
| | | Total marches, 7 = 78½ m. | | | Country and road as in last stage; cross the Jnari at 4½ m., by an easy ford. |

Route No. 576.
FROM SEGOWLIE TO CHAPRA.
via MOTIHARI, KESARIA AND MASHRAK.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Champaran, Motihari. | MOTIHARI . | 14 | 14 | See Route 220. |
| | | PIPIRA . | 8 | 22 | |
| | | KALIANPUR . | 10 | 32 | |
| | | KESARIA 540 × 100 yds. | 7½ | 39½ | |
| | Collector of Baran, Chapra. | SATTAR 120 × 100 yds. 140 × 70 yds. | 6½ | 46½ | A large village; supplies easily procurable; plentiful good water from a well and streams near C-G., which is ½ m. E. of village; country well cultivated; road unmetalled, but bridged and in good order; pass Hajpur at 3½, and leave the road to Dinapore at 6 m. |
| | | | | | A small village on left bank of the Gandak; supplies on notice; good water from a well 80 yds. from C-G., site for which is about 800 yds. S. of the river; country fairly cultivated; road raised and bridged, but liable to inundation; cross the Gandak at Dokha Ghat, at end of stage, by ferry, 6 boats, each carrying 75 men. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Saran, Chapra. | MASHRAK . . . | 12 | 57½ | See Route 205. Country open and well cultivated; road tolerably good, except during the rains; nullah bridged; pass Madwa at 4 m. |
| | | GAURA 600 × 260 yds. 200 × 100 yds. | 10 | 67½ | A village; supplies on notice; plentiful good water from a well W. of road; C-G. on both sides of the road, near the 14th milestone from Chapra; country as in last stage; road raised above high flood-level, metalled and bridged, good, except in the rains; pass Darwa at 7 m. |
| | | OHAPRA . . . | 16 | 83½ | See Route 52. Country and road as in last stage; pass Sanda at 13 m. |
| | | Total marches, 8 = 82½ m. | | | |

Route No. 577.
FROM SEGOWLIE TO DARBHANGA.
via MALLAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Champaran, Motihari. Collector of West Tirhoot, Mungerpur. Colli. of East Tirhoot, Darbhanga. | MOTIHARI . . . | 14 | 11 | See Route 220. |
| | | MIRPUR . . . | 10 | 21 | A village; supplies on notice; good water from a well ½ m. W. of, and a tank 200 yds. N.E. of, C-G., spacious site for which is 8. of road and ½ m. E. of village; country level, open, and well cultivated; road unmetalled, but raised and bridged; cross the Bur Gandak at 6 m. by ferry, 1 small and 2 large boats. |
| | | DHAKA 870 × 100 yds. p-o. | 6 | 30 | A village; supplies procurable; plentiful water from a well 50 yds. S. of, and a tank 30 yds. E. of, C-G., which is N. of and close to bazar; other wells in village; country and road as above. |
| | | JAMNOA HARPUR 180 × 150 yds. | 7 | 37 | A village; supplies on notice; good water, limited in dry season, from a well and (for animals) from a tank close to C-G., site for which is near village, country and road as above; cross the Laikrha near end of stage, by ford in 6 months, by ferry (1 boat, carrying 60 men) in the rains. |
| | | MALLAI (SONOUL) | 7½ | 44½ | Country low and subject to inundation; road, a cart track, very difficult in the rains; cross the old channel (usually fordable) of the Bagmati, and the river en route, by ferry, 2 boats and others on notice. See Route 611. |
| | | RIGHA . . . | 6 | 50½ | |
| | | SITAMARHI . . . | 9½ | 59½ | |
| | | BANGAON 165 × 100 yds. | 8 | 67½ | A village; supplies on notice; plentiful good water from a well on, another near, and a stream N. of, C-G., site for which is ½ m. S. of village; country, highland; road partly metalled, but bridged throughout; cross the ry. line at 1 m. |
| | | PUPRI 110 × 70 yds. p-o. t-s. t-s. | 8 | 75½ | A village; supplies on notice; good water, for a bath, from 2 wells near C-G., site for which is ½ m. W. of village; country as above; road unmetalled, but raised and bridged; pass Pupri Factory at end of stage. |
| | | KANTAUL . . . | 12 | 87½ | See Route 231. Country as above; road unmetalled, but fair; pass Jegiam (t-s.) at 4 m. |
| | | DARBHANGA . . . | 14 | 101½ | See Route 216. Country and road as above; cross the Chota Bagmati soon after starting, and pass Daidpur at 6 m. |
| | | Total marches, 11 = 101½ m. | | | |

Route No. 578.
FROM SEGOWLIE TO GHAZIPUR.
via GOBINDGANJ, SIWAN, DARAUJI, AND NAGRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Champaran, Motihari. Collector of Saran, Chapra. | SISWA 900 × 420 yds. | 11 | 11 | A village; supplies on notice; plentiful good water from a well on, and a stream on E. edge of, C-G., which is ½ m. W. of village; country level, open, and cultivated, low and swampy in places; road unmetalled, but bridged, and tolerably good in dry weather. |
| | | GOBINDGANJ 600 × 640 yds. p-o. | 11 | 22 | A town on left bank of the Gandak R.; supplies plentiful; abundant good water from a well (18 ft. in diameter) on C-G., which is E. of and close to village; country and road as above; pass Achry Raj at 5 m. |
| | | DARAUJI 210 × 120 yds. p-o. | 10 | 32 | A village on right bank of the Dhanai stream; supplies on notice; plentiful good water from 4 wells on C-G., shaded site for which is on both sides of the road, adjoining village; country and road as above; cross the Gandak on starting, by ferry, 10 boats and others on notice. |
| | | BARHARIA . . . 150 × 90 yds. p-o. | 8 | 40 | A small village; supplies scarce; good water from wells in adjacent villages; site for C-G. E. of road and ½ m. N. of village; country as above; road unmetalled, but bridged and raised above high flood-level; cross the Dhanai (strongly bridged) soon after starting. |
| | | SIWAN . . . | 8½ | 48½ | See Route 234(a). Country and road as in last stage. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|---------------------------------|--|------------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Banan Chhapra. | MAIRWA . . . p-o. r-s. | 13 | 60½ | A small town; supplies on notice; plentiful good water from a well on, and many others in vicinity of, C-G., small site for which is ½ m. N. of road; country well cultivated; road metalled for first 2 m. only, but raised throughout; cross a nullah at 6, by ford in dry season, by ferry in the rains, pass Baugra at 7 m. and cross the Jharahi Nadi at end of stage, by ferry or temporary bridge. |
| | | DARAULI . . . | 11 | 71½ | |
| | | SIKANDARPUR . . . | 6½ | 78 | |
| | Collector of Ballia, Korumadhi. | NAGRA . . . | 13 | 91 | Country and road as in last stage; pass Panan at 4½ m. See Route 63. |
| | | RASRA . . . 12,980 sq. yds. p-o. t-s. | 8 | 99 | |
| | | KAEIMABAD . . . 37,330 sq. yds. p-o. | 13 | 112 | |
| | Collector of Ghazipur. | GHAZIPUR . . . | 16½ | 128½ | A small town; supplies on notice; good water, for a batto, from a well on C-G., site for which is W. of road and 3 m. S. of town; country and road as in last stage; cross the Sarja at Sidhagari, about half-way, by ford in dry season, by ferry (1 boat, carrying 20 men, others on notice) in the rains. See Route 55. Country flat, open and well cultivated; road raised and bridged, metalled for last 6 m.; cross the Basu at about 12 m. |
| | | Total marches, 12 = 125½ m. | | | |

Route No. 579.
FROM SEGOWLIE TO MUZAFFARPUR.
via MOTIHARI AND BARAH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|---------------------------------------|---|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Collector of Unaywan, Motihari. | MOTIHARI . . . | 14 | 14 | NOTE.—This route is liable to be flooded in many places during heavy rain. See Route 220. |
| | | PIPIRA . . . | 8 | 22 | |
| | | BARAH . . . 600 x 220 yds. p-o. t-s. r-s. | 12 | 34 | A village; supplies procurable; good water from a well S. of C-G., which is $\frac{1}{2}$ m. S. of village; country well cultivated; road, unmetalled, but bridged and tolerably good in fine weather, running parallel to the ry. |
| | Collector of West Tirhoot, Munerupur. | MOTIPUR . . . p-o. t-s. r-s. | 12½ | 46½ | A village; supplies on notice; good water from 2 wells on, and the Danda Nadi within 300 yds. of C-G., small site for which is W. of road; country as above; road raised, bridged and partly metalled. The r-s. is $1\frac{1}{2}$ m. distant. |
| | | KANTI . . . 330 x 200 yds. p-o. r-s. | 11 | 57½ | A large village; supplies on notice; good water from a well 200 yds. W. of, and from a branch of the Bur Gandak E. of, C-G., which is W. of village, and 1 m. from r-s.; country and road as above; joss Motipur and the Kanti factories on route. |
| | | MUZAFFARPUR . . . | 8 | 65½ | See Route 167. Country and road as above. |
| | | Total marches, 6 = 65½ m. | | | |

Route No. 580.
FROM SEGOWLIE TO NEPAL (KATMANDU).
via HETOURA AND CHITLONG.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCES. | | REMARKS. |
|---|-------------------------------|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. | Colt. of Champaran, Motihari. | RANGARWA . . . 1,630 × 550 yds. p-o. | 8 | 8 | A bazar; supplies procurable; good water from a stream; C-G. in a grove E. of road; country partly cultivated; road, a good unmetalled one, raised and bridged, in good order during fair weather, but gets badly cut up in the rains; cross the Sekhema on starting, by ferry (6 boats, carrying 50 men each), and the Tillari at end of stage, by a wooden bridge. |
| | | RAKHAL . . . 860 × 320 yds. p-o. | 10 | 18 | |
| | | SEMRABASSA . . . | 15½ | 33½ | |
| Nepalese Territory. | Resident in Nepal, Katmandu. | BICHAKOH . . . b. | 8½ | 42½ | A small village on the edge of a large forest; supplies scarce; limited water from 3 wells in village, in fields round which is suitable space for C-G.; country open and well cultivated; road unmetalled, but good; cross the Rakhal on starting and a stream at about 11 m., both fordable except after heavy rain, when a small ferry plies. A small village standing on a slight eminence on S. bank of the Bichakoh R., a broad, shallow stream; no supplies; abundant good water from the stream; C-G. in dry parts of the bed of the stream, except in rains, or, on clearings E-W. of b.; road, a rough, sandy cart track, passing through dense jungle the whole way; no water procurable along it. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Nepalese Territory. | Resident in Nepal, Katmandu. | HETOURA (ETOUNDA.) | 18 | 55½ | After leaving Bichakob, the road leads up the bed of the stream, between low sand-tons hills with precipitous sides, for 6 m., when it crosses the Choria range by a steep though short pass, and descends to another nullah on the N. side; it leads down this nullah for 1 m., when it leaves it and enters a forest, and 5 m. further on crosses the Kurru R. (fordable) by a wooden foot-bridge; this road is only passable for carts after stones and rocks have been cleared off it at close of the rains. |
| | | NIMHUTAR | 9 | 64½ | |
| | | BIMPEDI | 5 | 69½ | |
| | | SISAGARHI (CHISAPANI). | 1½ | 70½ | |
| | | MARKHU | 5½ | 76½ | See Route 511(b). |
| | | THANKOT | 8 | 84½ | |
| | | NEPAL (KATMANDU) | 8½ | 93½ | For other remarks, see Route 181. |
| | | Total marches, 11 = 93½ m. | | | |

Route No. 580(a).
FROM SEGOWLIE TO NEPAL (KATMANDU).
 via MOTIHARI, MAKWANPUR AND HETOURA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Alahabad District, Allahabad. | Collector of Champaran, Motihar. | MOTIHARI | 14 | 14 | See Route 220. |
| | | LAKHNAURA | 8 | 22 | No village; supplies must be collected; good water, for a bullock, from a well S. of, and (for animals) from a large tank near small site for C.G.; country at first level and open, afterwards grassy jungle; road unimproved, but in good order, except after heavy floods, when it gets cut up and portions are liable to inundation; cross the Sekhrai (60 yds. wide, and unfordable) at 4½ m., by ferry, 8 boats, each carrying about 40 men. |
| Nepalese Territory. | Resident in Nepal, Katmandu. | KATKANWAN 420 x 880 yds. | 10 | 32 | A small village; supplies must be collected; plentiful good water from a well and tank N. of G.G., which is W. of road; country open as far as Beryl, 4 m., after which a thick strip of jungle runs parallel to the road and E. of it for 5 or 6 m.; road sandy and heavy in places; a road runs through Katkanwan from Malai on the E. and joins the direct road from Segowlie to Katkanwan at Rakul on the W. |
| | | BARA GARHI | 17 | 49 | After crossing the boundary between British and Nepalese territory at 1 m., the road is an ordinary cart-track, passing through nothing but rice cultivation; cross the Turu Jannu and Arun, all fordable, towards end of stage. |
| | | SIJGHAT | 10 | 59 | |
| | | MAHAR | 6 | 65 | See Route 511(b). |
| | | SUKTI KHOLA PASS. | 10 | 75 | |
| | | MAKWANPUR-MARI. | 8½ | 81½ | |
| | | HETOURA (ETOUNDA). | 6 | 87½ | |
| | | NIMHUTAR | 9 | 96½ | |
| | | BIMPEDI | 6 | 101½ | |
| | | SISAGARHI (CHISAPANI). | 1½ | 103½ | |
| | | MARKHU | 6½ | 109½ | |
| | | THANKOT | 8 | 117½ | For other remarks, see Route 181. |
| | | NEPAL (KATMANDU). | 8½ | 125½ | |
| | | Total marches, 15 = 125½ m. | | | |

Route No. 581.
FROM SHAHJAHANPUR TO BUDAUN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohil- und District, Bareilly. | Officer of Shahjahanpur, Shahjahanpur. | TILHAR | 18½ | 18½ | See Route 92. |

| AUTHORITY. | | Name of place and site of forwarding grounds. | DISTANCE. | | REMARKS. |
|---|------------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Rohilkhand, Bareilly. | PATEHGANJ | 10½ | 23½ | See Route 92. For other remarks, see Route 87. |
| | | BELADANDI 200 x 220 yds. | 11 | 34½ | A village; supplies on notice; abundant good water from a well on C-G., which is E. of village; water also from the Ramganga; country flat and cultivated; road, average width 40 ft., unmetalled but good; cross the Ramganga towards end of stage, by bridge of boats in fine weather, by ferry (18 boats) in the rains. |
| | | SARAI PIPARIA 200 x 220 yds. | 11 | 45½ | A small village; supplies must be collected; good water, for a latrine, from a well on C-G., which is near village, where there is another well; country as above; road unmetalled, but bridged and passable for all arms; cross the Aril at 7½ m. |
| | | BUDAUN | 11 | 56½ | See Route 12. Country and road as in last stage. |
| | | Total marches, 5 = 66½ m. | | | |

Route No. 582.
FROM SHAHJAHANPUR TO HARDOI.

via SHAHABAD.

| AUTHORITY. | | Name of stage and site of forwarding grounds. | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilkhand District, Bareilly. | Collector of Shahjahanpur, Shahjahanpur. | SERAMAU 51,450 sq. yds. p-o. | 10½ | 10½ | A village; supplies on notice; good water from a well N. of, and close to C-G., which is W. of road; country level and cultivated; road, 30 ft. wide, unmetalled, but partially raised, bridged, and passable for all arms, runs parallel with the Gurra R.; pass Badshahnagar at 8 m. |
| | | SHAHABAD | 8 | 18½ | See Route 259. Country as above; road for first 5 m. as in last stage, thence metalled and bridged, but difficult for wheeled traffic during the rains; pass Sirhindnagar at 4 m. |
| | | PENTA GOKUL 60,000 sq. yds. p-o. | 11 | 29½ | A small village; supplies procurable; good water, for a latrine, from a well on C-G., which is W. of road and about 4 m. from a well; country as above; road raised and bridged, but unmetalled and impracticable for wheeled traffic during the rains, owing to floods; cross the Buhkha (bridge unsuitable for guns) at 5 m. and pass Mirzapur shortly afterwards. |
| | | HARDOI | 11 | 40½ | See Route 148. Country and road as in last stage; pass Golaun at 5 and Kakwai at 8 m. |
| G. O. C. Rohilkhand District, Lucknow. | Deputy Commissioner of Rohilkhand. | Total marches, 4 = 40½ m. | | | |

Route No. 583.
FROM SHAHJAHANPUR TO LAKHIMPUR.

via MORAMBI.

| AUTHORITY. | | Name of stage and site of forwarding grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Oudh, Lakhimpur. | MUHAMMADPUR | 10 | 10 | A small village; supplies procurable; good, but limited water from wells; small site for C-G. in a mango grove N. of road; country level, open and well cultivated; road raised and bridged, but unmetalled and unfit for artillery during the rains; cross the Buhkha towards end of stage. |
| | | MOHAMMADI 27,000 sq. yds. p-o. b. | 9½ | 19½ | A small town; supplies plentiful; good water, for a latrine, from a well near town; site for C-G. in a mango grove S. of road; country and road as above; pass Dighlari at 5 m. |
| | | KUMBHI | 10 | 29½ | A small village; supplies must be collected; good, but very limited, water obtainable; small site for C-G. in a mango grove S. of road; country partially cultivated, but jumpy near the Gumbi; road as above; cross the river at about 4 m. |
| | | SIKANDRAHAD 120,000 sq. yds. | 8½ | 38 | A large village; supplies procurable; good water from wells; site for C-G. close to village; country as in last stage; road neither metalled nor bridged; cross the Kaitas at 3 m., by ford in dry season, by small ferry in the rains. |
| | | KYMAHRA | 9 | 47 | A good-sized village; supplies must be collected; good water from wells in vicinity of C-G., site for which is in a small mango grove N. of road; country and road as above, latter liable to floods during the rains; cross the Janwari (bridged) at end of stage. |
| | | LAKHIMPUR 400 x 250 yds. p-o. r-o. b. | 9 | 56 | A small civil station; supplies procurable; good water from wells in vicinity of C-G., which is E. of road and on the police parade ground; country as above; road as in last stage for first 3 m., thence raised and bridged, but unfit for artillery in the rains. |
| | | Total marches, 6 = 66 m. | | | |

Route No. 584.
FROM SHAHJAHANPUR TO PILIBHIT.
via BIALPUR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Colr. of Shahjahanpur, Shahjahanpur, Pilibhit. | TIKHRI . . . | 10 | 10 | A large village; supplies on notice; good water, for a bath, from a well on C-G., small site for which is W. of village; country flat and well cultivated; road unmetalled, but bridged and passable for all arms. |
| | | SANDA . . . 90,000 sq. yds. | 12 | 22 | A large village; supplies on notice; good water, for a bath, from a well on C-G., which is E. of road and village; country and road as above; pass Negohi at 9 m. |
| | | DISALPUR . . . 75,270 sq. yds. p-o. | 11 | 33 | A large village; supplies on notice; plentiful good water from 2 wells and a tank (for animals) on C-G., which is 220 yds. W. of village; country and road as above; cross the Katni E. (fordable) at 3 m. |
| | | BARKHERA . . . 76,240 sq. yds. p-o. | 10 | 43 | A small village; supplies on notice; good water from 2 wells close to C-G., which is W. of village, where there are 6 other wells and a tank; country and road as before, but latter heavy in wet weather. |
| | | PILIBHIT . . . | 12 | 55 | See Route 90. Country and road as above. |
| | | Total marches, 5 = 55 m. | | | |

Route No. 584(a).
FROM SHAHJAHANPUR TO PILIBHIT.
via PAWAYAN AND PURANPUR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Collector of Shahjahanpur, Shahjahanpur, Pilibhit. | DHAKIYA . . . 14,185 sq. yds. | 7½ | 7½ | A small village; supplies on notice from Shahjahanpur; good water from a masonry well N. of C-G., site for which is W. of road and E. of village; country flat, open and cultivated; road, 30 ft. wide, metalled and bridged, passable for all arms; cross the Kanbhot Nadi at 6 m. |
| | | PAWAYAN . . . 60,000 sq. yds. p-o. | 6½ | 17 | A town; supplies plentiful on notice; good water, for a bath, from a well on C-G., which is E. of road, liable to be flooded in the rains; country and road as above. |
| | | DANDA . . . 20,000 sq. yds. | 12½ | 29½ | A small village; supplies on notice; good water from a well on C-G., site for which is W. of village and E. of road; country as before; road, 60 ft. wide, unmetalled, but passable for all arms; cross the Bhyasi nullah at 2, by a wooden bridge, and pass Bangawan at 6 m. |
| | | GULERYA . . . 20,600 sq. yds. | 7 | 36½ | A small village; supplies on notice; indifferent water from a well and tank on C-G., site for which is E. of village; country and road as in last stage; cross the Gumti at 2 m., by ford in dry season, by ferry (1 boat) in the rains. |
| | | GHANCHAI . . . 22,500 sq. yds. p-o. | 0 | 42½ | A large village; supplies on notice; good water from a well W. of, and (for animals) from 2 tanks near, C-G., site for which is 160 yds. E. of road; country as above; road, a cart track, 60 ft. wide, uneven and impracticable during rains. |
| | | PURANPUR . . . 21,000 sq. yds. p-o. | 0 | 51½ | A large village; supplies on notice; good water from a well W. of C-G., site for which is 300 yds. N. of village; country and road as in last stage, latter impassable during the rains; cross the Gumti at about 2 m., by ford, except in wet weather. |
| | | GAJRAULA . . . 14,780 sq. yds. | 13 | 68½ | A village; supplies must be collected; plentiful good water from 2 masonry wells S. of C-G., site for which is N. of village; country jungly; road bridged, except over the Gahri nullah, 3 m., but unmetalled and generally impassable in the rains; bridges unfit for artillery; cross the Gumti at 6 and the Kanbhot at 6 m. |
| | | PILIBHIT . . . | 10 | 78½ | See Route 90. Country flat and cultivated; road and bridges as in last stage; cross the Mala on starting and the Sanda at 6 m. |
| | | Total marches, 8 = 78½ m. | | | |

Route No. 585.
FROM SHAHJAHANPUR TO UNAO.
via SHAHABAD, SANDI, BILGRAM AND MALHAWAN.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rohilund District, Bareilly. | Colr. of Shahjahanpur, Shahjahanpur. | SERAMAU . . . | 10½ | 10½ | See Route 582. |
| | | SHAHABAD . . . | 8 | 18½ | |
| | | DALINAGAR . . . 100,000 sq. yds. | 11 | 29½ | For other remarks, see Route 580. |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Shahjahanpur, Haridwar, Haidou. | | | | A small village; supplies procurable; good water from a masonry well E. of, and a tank S. of C-G., which is close to road; country level, open and fairly cultivated; road, a country cart-track, unfit for wheeled traffic during the rains; cross the Bunkhata nullah at 7, by ford in dry season, by ferry (1 boat, carrying 20 men) in the rains, and pass Bhadoon at 9 m. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Hardsol, Hardsol. | BANDI . . . | 14 | 48½ | See Route 248. Country wooded and fairly cultivated; road as above; pass Jagdispur at about 8, and Adampur at 11 m. For other remarks, see Route 412. |
| | | BILGRAM . . . | 10 | 58½ | |
| | | MALLAWAN . . . | 14 | 67½ | |
| | | BANGARMAU . . . | 11 | 78½ | |
| | Dr. Commr. of Unao, Unao. | SAFIRPUR . . . | 18½ | 92½ | See Route 148. For other remarks, see Route 22. |
| | | BAU . . . | 10 | 102½ | |
| | | UNAO . . . | 7½ | 109½ | |
| | | Total marches, 10 = 109½ m. | | | |

Route No. 586.
FROM SHAHPUR TO DERA ISMAIL KHAN.
via KHUSHAB AND JANDANWALA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|-----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Shahpur, Shahpur. | KHUSHAB . . . | 8 | 8 | See Route 7. |
| | | HADALI . . . | 9½ | 17½ | |
| | | MITHA-TIWANA . . . | 6 | 23½ | |
| | | ADHI SARGAL . . . | 16 | 39½ | |
| G. O. C. F. Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan. | JANDANWALA . . . | 15 | 54½ | See Route 357. |
| | | HETU . . . | 16 | 70½ | |
| | | SHARINWALA . . . | 9 | 79½ | |
| | | DARYA KHAN . . . | 12 | 91½ | |
| | | DERA ISMAIL KHAN . . . | 14 | 105½ | |
| | | Total marches, 9 = 105½ m. | | | For other remarks, see Route 224. |

Route No. 586(a).
FROM SHAHPUR TO DERA ISMAIL KHAN.
via KHUSHAB AND WANBHACHHAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Shahpur, Shahpur. | KHUSHAB . . . | 8 | 8 | See Route 7. See Route 357. |
| | | HADALI . . . | 9½ | 17½ | |
| | | MITHA-TIWANA . . . | 6 | 23½ | |
| | | WAN KALA . . . 46,500 sq. yds. | 14 | 37½ | |
| G. O. C. F. Force, Abbottabad. | Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan. | WANBHACHHAN . . . 220 x 220 yds. p.o. r.s. | 14 | 51½ | A small village 4 m. E. of Gunjal r.s.; supplies on notice; plentiful good water from wells in vicinity of O-G., site for which is close to village; country and road as above. A village; supplies on notice; plentiful good water from wells in vicinity of O-G., which is N.E. of and close to village; country open and covered with brush-wood; road, 65 ft. wide, unmetalled, but fair, heavy for wheeled traffic after rain; pass Bhundial at 6 m. |
| | | KUNDIAN . . . | 15 | 66½ | |
| | | PIPLAN . . . | 14 | 80½ | Country barren; road, unmetalled, heavy and sandy. |
| | | KALLURKOT . . . | 11 | 91½ | |
| | | KANJAN . . . | 13 | 104½ | See Route 558. |
| | | ANGRA . . . | 10 | 114½ | |
| | | LAK . . . | 5 | 119½ | For other remarks, see Route 220. See Route 199. |
| | | DERA ISMAIL KHAN . . . | 7 | 126½ | |
| | | Total marches, 12 = 126½ m. | | | For other remarks, see Route 251. |

Route No. 587.
FROM SHAHPUR TO EDWARDESABAD.
 via MIANWALI AND ISAKHEL

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS |
|---|---|---|-----------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Shahpur, Shahpur. | KHUSHAB . . . | 8 | 8 | See Route 7. |
| | | HADALI . . . | 9½ | 17½ | } See Route 357. |
| | | MITHA-TIWANA . . | 6 | 23½ | |
| | | WAN KAILA . . . | 11 | 34½ | } See Route 586(a). |
| | | WANDHACHIRAN . . | 14 | 51½ | |
| | | MIANWALI . . . | 15 | 66½ | See Route 568. |
| | | ISAKHEL . . . | 18 | 84½ | Country and road as before. |
| | | | | | See Route 4. |
| | | | | | Country and road as before, except that the latter is impossible during the 1 weather, as the Indus overflows for miles; cross the river by ferry (1 boat) end of stage. |
| | | LANDIWAH . . . | 21 | 105½ | A village; supplies on notice; water from 2 tanks which are, however, dry for months of the year, when water has to be brought from the Kurram, 6 distant; sufficient C-G available for a rest; country sandy and hilly, 2 unmetalled, sandy and heavy, but practicable for a wheeled traffic; cross a 2 range of hills at 7½ m. |
| G. O. C. Punjab Frontier Force, Abbottabad. | Deputy Commissioner of Buncu, Edwardesabad. | NAURANG SARAI . . | 12 | 117½ | } Country as above; road sandy and heavy until 6 m. from Naurang Sarai, at which it is a good unmetalled road; ford the Kurram R. at 6 m. |
| | | EDWARDESABAD . . | 16 | 133½ | |
| | | Total marches, 10 = 133½ m. | | | See Route 4. |

Route No. 588.
FROM SHAHPUR TO KOHAT.
 via TALAGANG, PINDIGHEB AND KHUSHALGARH.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS |
|---|---------------------------------|---|-----------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Punjab Frontier Force, Abbottabad. | Dr. Commr. of Shahpur, Shahpur. | RAJAR . . . | 10 | 10 | See Route 357. |
| | | KATHA . . . 250 x 150 yds p o | 8½ | 18½ | Country flat and cultivated; road unmetalled but fair; cross the Jhelum at 6 by ferry. |
| | | JABA . . . | 12 | 30½ | } Two villages; supplies and camel-grazing plentiful; fair but limited water from stream near C-G, which is close to Katha south; country barren for first 7 thence cultivated, road unmetalled, but good and suitable for all arms, exc in hot weather. |
| | | KITCHI . . . | 11 | 41½ | |
| | | TALAGANG . . . | 11 | 52½ | } Country hilly and well cultivated; road as before. |
| | | SARUKOT . . . | 8½ | 61 | |
| | | DOKHI PATTIAN (DOKH AF-GHANAN). | 9½ | 70½ | } See Route 359(n). |
| | | PINDIGHEB . . . | 9 | 79½ | |
| | | BHAI DASSU . . . | 10 | 89½ | For other remarks, see Route 310(a). |
| | | JAND . . . | 10 | 99½ | See Route 359. |
| | | | | | For other remarks, see Route 8. |
| | | KHUSHALGARH . . | 9 | 108½ | } See Route 5. |
| | | GUMBAT . . . | 15 | 123½ | |
| | | KOHAT . . . | 16 | 139½ | |
| | | Total marches, 13 = 189½ m. | | | |

Route No. 588(a).
FROM SHAHPUR TO KOHAT.
via KHUSHAB, MIANWALI AND KALABAGH.

367

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. | |
|--|----------------------------------|--|-----------|--------|--|------------------------------|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Rawal Pindi District, Tawa Pindi. | Dy. Commr. of Shahpur. | KHUSHAB . . . | 8 | 8 | NOTE.—This route is very difficult and unsuitable for troops, and would only be used in cases of emergency. See Route 7. | |
| | | HADALI . . . | 0½ | 17½ | | } See Route 337. |
| | | NITHA-TIWANA . . . | 0 | 23½ | | |
| | | WAN KAILA . . . | 14 | 37½ |  |  | } See Route 586(a). |
| | Dy. Commr. of District Mianwali. | WANDHACHHAN . . . | 14 | 61½ | } For other remarks, see Route 587 | |
| | | MIANWALI . . . | 16 | 66½ | | } See Route 588. |
| | | MUCH . . . | 12 | 78½ | } For other remarks, see Route 582. | |
| | | MARI . . . | 16 | 93½ | | } See Route 4. |
| | | KALABAGH . . . | 3 | 96½ | A few huts; supplies must be obtained from Kalabagh; water from springs close at hand, but barely enough for a regiment; country hilly; road bad, passing from one nullah to another and traversing the salt range. A better route to Kohat from Kalabagh is by the Indus, as far as Khushalgarh, and thence by Route 6. | |
| | | KUSHWAI . . . | 14 | 110½ | | } Country and road as above. |
| | Deputy Commissioner of Kohat. | SHAKARDARRA . . . | 14 | 124½ |  |  | } See Route 368(b). |
| | | SHAWARI . . . | 13 | 137½ | } For other remarks, see Route 5. | |
| | | LACHI . . . | 9 | 146½ | | |
| | | KOHAT . . . | 17 | 163½ | | |
| | | Total marches, 14 = 163½ m. | | | | |

Route No. 589.
FROM SHAHPUR TO MUZAFFARGARH.
via KHUSHAB, MACHIWAL AND RANGPUR.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dy. Commr. of Shahpur. | KHUSHAB . . . | 8 | 8 | NOTE.—The road runs along the bank of the Jhelum, which afterwards becomes the Chenab, the whole way. See Route 7. |
| | | HAMOKA . . . | 9 | 17 | |
| | | GIROTE . . . | 0 | 23 | |
| | | JAURAH . . . | 12 | 35 | |
| | Deputy Commissioner of Jhang, Jhang. | DALLU . . . | 10 | 45 | A large village on right bank of the Jhelum; supplies on notice; good water from the river; small site for C.G. near village; country sandy; road, 12 yds. wide, unmetalled, but good, though sandy in places. |
| | | MARI SHAH SAKHRA . . . | 10 | 55 | |
| | | KOT-SHAKIR . . . | 0 | 61 | A large village; supplies on notice; plentiful good water from wells in the vicinity; small site for C.G. S.W. of village; country and road as above. |
| | | MACHIWAL . . . | 8 | 72 | |
| | | ATHARANHAZARI . . . | 13 | 85 | A large village; supplies plentiful; abundant good water from 10 wells in village, round which is space for C.G.; country sandy on the W., the Jhelum R. on the E.; road unmetalled, but good and passable for all arms. |
| | | TIBBA GAHLI 100 x 100 yds. . . | 0 | 94 | |
| | | KOT MAHPAL 100 x 100 yds. . . | 0 | 103 | A large village; supplies plentiful; abundant good water from 12 wells in village, round which is suitable ground for encampment; country and road as in last stage. |
| | | GATHMAHRAJA . . . | 8 | 111 | |
| | | AHMEDPUR-SYAL 105 x 105 yds. . . | 13 | 124 | See Route 350. Country and road as above. There is a ferry (4 boats, each carrying 100 men) over the Jhelum, which joins the Chenab here. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Dr. Commr. of Muzaffargarh, Muzaffargarh. | RANGPUR . 14,320 sq. yds. p-o. b. | 17 | 141 | A large village; supplies plentiful; abundant water from a well near site for C-G., which is on level land W. of village; country partially cultivated; road, a broad, unmetalled one, generally in good order, but liable to be injured by floods in the hot weather. |
| | | SAMTI . 72,600 sq. yds. p-o. b. | 9 | 150 | A small village; supplies on notice; plentiful good water from a well close to site for C-G., which is N-W. of village; country fairly cultivated; road, a narrow pathway for first 4 m., afterwards heavy, flooded in hot weather, and, in places, cut up by water-courses; canal bridged; pass Saidpur at 4 m. |
| | | LANGAR . b. | 14 | 164 | See Route 460. Country as before; road bad, impracticable for carts and cut up by water-courses; water on route scarce and bitter. |
| | | MUZAFFARGARH | 15 | 170 | See Route 470. Country well cultivated; road tolerable and practicable for carts, but 3 m. of it is under water in the summer; canal bridged; pass Alpur (p-o) at 3 and Moradabad (p-o) at 6 m. |
| | | Total marches, 17 = 179 m. | | | |

Route No. 590.
FROM SHERGHATI TO DALTONGANJ (BJRA).
via LESLIGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Allahabad District, Allahabad. G. O. C. Presidency District, Fort William. | Dr. Commr. of Gaya, Gaya. Dr. Commr. of Patna, Patna. Dr. Commr. of Patna, Daltonganj. | BAIRI . | 9 | 9 | A small village; supplies from adjacent villages on notice; plentiful good water from a well near site for C-G., which is on both sides of the road, in a small mango grove E. of village; country fairly cultivated; road unmetalled and bad during rainy season; cross the Murhar (fordable in dry season) about half way. |
| | | IMAMGANJ 20,000 sq. yds. p-o. b. | 9 | 18 | A good-sized village; supplies on notice; good water from a well and the Murhar near which, and in a mango grove N-W. of b, is site for C-G.; country partially cultivated and partially jungle; road unmetalled and rather difficult; cross the Murhar (fordable, except in the rains) at about 2½ m. and again towards end of stage. |
| | | BIKAPUR 33,300 sq. yds. | 6½ | 24½ | A small village on the Murhar; supplies on notice; good water from the river on bank of which, and in a mango grove S. of village, is site for C-G. country as in last stage; road unmetalled, but fair. |
| | | MANATHU 200 x 100 yds. p-o. | 16 | 30½ | A village; supplies on notice; indifferent, limited water from S. of village, round which is space (not cleared) for C-G.; country occasional cultivation; road, 18 ft. wide, unmetalled but fit for wheeled traffic in dry weather; nullahs ramped and fordable. |
| | | TABHARSI . | 12 | 51½ | A village near the Amanat; supplies on notice; fair water from the river; wells in village, N-W. of which, and in mango groves, is site for spacious C-G.; country and road as in last stage; nullahs ramped and fordable at all times. |
| | | LESLIGANJ | 7 | 68½ | Country slightly undulating and cultivated; road as above; nullahs bridged, suitable for all arms; cross the Amanat on starting, by ford in dry season, by ferry (1 boat, carrying 20 men) in the rains. See Route 317. |
| | | DALTONGANJ (BJRA) Total marches, 7 = 69 m. | 10½ | 69 | For other remarks, see Route 223. |

Route No. 591.
FROM SHERGHATI TO LOHARDAGA.
via CHATRA AND BALUMATH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Hazaribagh, Hazaribagh. Dr. Commr. of Patna, Patna. Dr. Commr. of Patna, Daltonganj. | HUNTERGANJ . | 10 | 10 | See Route 822. For other remarks, see Route 318(a). |
| | | JORI . | 0 | 10 | |
| | | CHATRA . | 11 | 30 | |
| | | SIBRAJPUR . | 0 | 60 | A small village; supplies on notice; good water, for a batta, from wells about 1 m. E. of C-G., small site for which is W. of police post; country for 3 m. open and cultivated, then hilly and jungle; road as above; cross the Lilaia (70 yds. wide) towards end of stage by ford in dry season, special arrangements must be made in the rains. |
| | | CHUNIDIH . | 10 | 40 | A small village; long notice required for supplies; good water from wells, and from the Amanat, 2 m. distant; site for C-G. E. of village; country as in latter part of last stage; road as before; pass Jabra at 6 m. and cross the Amanat (fordable in dry season only) soon afterwards. |
| | | BALUMATH . 160 x 150 yds p-o. b. | 13 | 61 | A village; long notice required for supplies; fair but scanty water from 2 wells in village; site for C-G. on waste land, N. of b. and W. of road; country as above; road unmetalled and partly bridged, but not practicable for wheeled traffic in the rains; cross the Amanat (branch of) en route, by ford, except after heavy rain. |
| | | CHANDWA . | 13 | 78 | See Route 226. Country and road as in last stage. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Dr. Commr. of Loharigo, Ranchi. | CHAMPI 20,000 sq. yds. | 10 | 88 | A small village; supplies on notice; fair water from springs and streams within 200 yds. E. of village, on either side of which is space for C-G.; country and road as above; cross the Deo at 2 and the Mahadura at 6 m., both by ford, except after heavy rain. |
| | | LOHARDAGA 20,000 sq. yds. p-o. | 9 | 92 | A small town; supplies plentiful; good water from streams and wells within 300 yds. of C-G.; suitable space for which is in fields S. and E. of town; country open and cultivated; road as above; cross the Kero at about 6 m., by ford, except after heavy rain. |
| | | Total marches, 9 = 92 m. | | | |

Route No. 592.
FROM SHILLONG TO CACHAR OR SILOCHAR.
 via JOWAI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner, Khasi and Jaintia Hills, Shillong. | MAWLYNG-KNENG b. | 10 | 10 | A village; supplies on notice; good water, for a battn., from springs near b.; extensive site for C-G. on open grass-land N. of road and close to village; country hilly and undulating, partly cultivated, wooded and grass-lands; road for first 1½ m. metalled and 16 ft. wide, thence a bridle-path 8 to 10 ft. wide, gradients in parts very steep; cross 4 streams en route by wooden bridges, unsuitable for wheeled transport; pass Surankam at 6½ and Pamura (in dry season good water here from a stream 1 m. S. of b.) at 12 m. |
| | | JOWAI | 17½ | 33½ | See Route 130. Country as above; road as in latter part of last stage; streams bridged; pass Purising at 4 and Nong-Rashi (b.) at 6½ m. Roads branch off at 10 and 17 m., the former N. to Nartiang, distant 8 m., and the latter (Route 189) E. to Gunjong. |
| | | JARAIN b. | 11 | 44½ | NOTE.—For a small party under 50 men, the more convenient stages to Jowai would be— (1) Pamura 12 m. (2) Nong-Rashi 11½ " (3) Jowai 10½ " TOTAL . . . 34½ m. |
| | | JAINTIAPUR p-o. b. | 17 | 61½ | A large village; supplies procurable; good water from wells in village, S. and W. of which and also near b. are spaces for C-G.; animals water at a nullah; country and road as above as far as Sandal, 11 m., thence a continuous descent to the plains through forest, the last 4 m. through swampy land; gradients in parts steep, but practicable for mule transport; pass Maintrong at 8 m., where there is site for encampment and water procurable. |
| | | KANAIGHAT p-o. | 17 | 78½ | A village on the Surma; supplies on notice; indifferent water from the river; site for C-G. in fields; country open and cultivated; road raised and temporarily bridged, practicable for mountain artillery; streams either fordable or crossed by ferry. |
| | Deputy Commissioner of Sylhet, Sylhet. | ATGRAM 200 x 200 yds. p-o. b. | 8½ | 86½ | A village near the Surma; supplies on notice; indifferent water from the river near which, and 4 m. N. of road, is site for C-G.; country as in last stage; road 12 ft. wide, unmetalled but good; nullahs bridged, but bridges are not suitable for artillery; cross the Surma on starting, by ford in dry season, by ferry (1 raft carrying 20 men) in the rains. |
| | | DIGHIRPAR | 10½ | 97 | A village; supplies on notice; plentiful good water from a tank, near which is site for C-G.; country and road as in last stage. |
| | | SALCHAPRA p-o. b. | 14 | 111 | A village on the Surma; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as above; cross the Kasiyara R. at 2 m., by ferry of rafts. |
| | | CACHAR or SILOCHAR. | 11 | 122 | See Route 523. Country and road as above; streams bridged. |
| | | Total marches, 9 = 122 m. | | | |

Route No. 592(a).
FROM SHILLONG TO CACHAR OR SILOCHAR.
 via SYLHET.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Commr. of Khasi and Jaintia Hills, Shillong. | MAOLIM | 10 | 10 | A village; supplies on notice; plentiful good water from a stream; no regular C-G., but extensive open land available; country hilly, with pine forest for 5 m., then open, undulating lands; road, 20 ft. wide, metalled and bridged, gradient 1 in 18, fit for all arms; pass the road to Maunlong at 5½ m. |

| AUTHORITIES | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | | Dr. Commr. of Khasi and Jaintia Hills, Shillong. | | | |
| | | SURARAM b. | 14½ | 21½ | A village, supplies on notice; plentiful good water from a stream; no regular C-G, but extensive open land available, country and road as above, pass Damper (b) at 6 m. |
| | | CHERRA-POONJEE p-o. t-s. b. | 8½ | 88 | A village and old civil and military stn; supplies procurable; plentiful good water from a stream, extensive open land available for encampment; country and road as above. |
| | | THARIA GHAT r-s. b. | 0 | 42 | A small village; supplies on notice; good water from the Tharia R; no regular C-G, but a clearing could be quickly made; country, dense forest; road as above for first 1½ m., thence a bridle-path, width 9 ft., to the plains; gradient 1 in 8, fit for horses in single file. |
| | | COMPANYGANJ r-s. b. | 8 | 60 | A small village on bank of the Peine; supplies on notice; good water from the river; a site for C-G. could be quickly cleared; country, tree-forest for 8 m., then high grass-jungle; road, a level bridle-path, 10 ft. wide, runs near the ry. |
| | | SALUTIKA b. | 10 | 60 | A small village on bank of the Obengra R.; supplies on notice, plentiful good water; a site for C-G. could be quickly cleared; country, high grass-jungle with patches of cultivation; road as in last stage; bridges are liable to be carried away by floods; cross the Peine on starting, by ferry, 1 raft (carrying 25 men) and others on notice. During the rains the journey from Companyganj to Sylhet must be done by boats, or march across country. |
| | | SYLHET | 8 | 68 | See Route 171. |
| | | GOLAPGANJ p-o. b. | 8 | 76 | Country open and partially cultivated; road and bridges as in last stage; during the rains the road from Sylhet to Cachar is not to be relied on, and communication is then generally kept up by steamer down the Surma R. |
| | | KASIYARA RIVER b. | 14 | 90 | A small village on the Surma; supplies on notice; good water from the river, on bank of which is ample space for C-G.; country as above; road, 20 ft. wide, unmetalled, but fair; cross the Surma on starting, by ferry, 1 raft (carrying 25 men) and others on notice. |
| | | KARINGANJ p-o. t-s. r-s. b. | 12 | 102 | A halting place; supplies on notice; good water from the river, on bank of which is ample space for C-G.; country and road as above; pass the Kasiyara on starting, by ferry of rafts. |
| Dr. Commr. of Cachar, Silchar. | Deputy Commissioner of Sylhet, Sylhet. | KASIYARA RIVER b. | 0 | 111 | A halting place; supplies on notice; good water from the river, on bank of which is site for C-G.; country and road as above; cross the Kasiyara on starting, by ferry of rafts; at 8½ m. the old Sylhet-Silchar road joins in. |
| | | SALOHAPRA | 12 | 123 | Country and road as above; cross the Kasiyara on starting, by ferry of rafts, and pass Bidarpur (p-o. t-s.) at 9 m. |
| | | CACHAR or SILCHAR. | 11 | 134 | See Route 592. |
| | | Total marches, 13 = 184 m. | | | For other remarks, see Route 523. |

Route No. 593.
FROM SHILLONG TO DIBRUGARH.
via NOWGONG AND THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | | Dr. Commr. of Khasi and Jaintia Hills, Shillong. | | | |
| | | UMIAM | 0 | 0 | A halting place; supplies on notice; good water from a mountain stream; site for C-G. on hillside, but would have to be cleared of jungle; country hilly and forest; road metalled, raised and bridged, suitable for arms; gradients do not exceed 1 in 15; at 4 m. there is a bridle-path which reduces this marsh by 2 m. |
| | | UMSLING b. | 9 | 18 | A halting place, supplies on notice; good water from mountain streams; site for C-G. on hillside, but would have to be cleared of jungle; country and road as above. |
| | | UMSAO | 9 | 27 | A halting place; supplies on notice; good water from a mountain stream, site for spacious C-G. on open rolling-downs; country and road as above. |
| | | UMLING | 18 | 40 | A halting place; supplies on notice; good water from a mountain stream; C-G. would have to be cleared; country and road as above; pass 2 angpho (p-o. t-s.) at 5 and a bridle-path, which saves a mile, at 10½ m. |
| | | CROSS ROADS | 11 | 61 | Country and road as above; pass Baruahat at 6 m. Ganhat, a civil stn. and steamer-ghat on the Brahmaputra, is, by the main road, 10 m. N. of the cross roads. |
| | | SONAPUR | 8 | 69 | |
| | | NAKHOLA | 14½ | 73½ | |
| | | ANLIGHAT | 0½ | 80 | |
| | | DIHARAMTUL | 8½ | 88½ | |
| | | ROHA | 12 | 100½ | |
| | | NOWGONG | 14 | 114½ | |
| Dr. Commr. of Kamrup, Gauhati. | Deputy Commissioner of Nowgong, Nowgong. | BHELUGURI | 11½ | 126 | |
| | | | | | See Route 205. |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|---------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Nowong, Nowong. | DIJU RIVER . . . | 8½ | 184½ | See Route 205. |
| | | JOKLABANDHA . . . | 12 | 146½ | |
| | | DEOPANI RIVER . . . | 14 | 160½ | |
| | | HATHIKHALI . . . | 10 | 170½ | |
| | | DIPHU RIVER . . . | 15 | 185½ | |
| | | NAMALIGARH . . . | 11 | 196½ | |
| | | BADLIPAR . . . | 10 | 206½ | |
| | | DEGAON . . . | 7 | 213½ | |
| | | BORDHOLI RIVER . . . | 8 | 221½ | |
| | | JORHAT . . . | 8 | 229½ | |
| | Deputy Commissioner of Sibhaur, Sibhaur. | KAKAJAN . . . | 10 | 239½ | |
| | | JHANJI . . . | 9 | 248½ | |
| | | GAURISAGAR . . . | 8 | 256½ | |
| | | SIBSAGAR . . . | 8 | 264½ | |
| | | DIMU RIVER . . . | 12 | 276½ | |
| | | DIHING RIVER . . . | 9 | 286½ | |
| | | SESSA GARUNIA . . . | 9 | 294½ | |
| | Dy. Commr. of Jakhimpur, Dibrugarh. | DIBRUGARH . . . | 11 | 305½ | |
| | | Total marches, 30 = | | 305½ m. | |

Route No. 594.
FROM SHILLONG TO GAUHATI.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Khasi & Jaintia Hills, Shillong. | UNITAM . . . | 9 | 9 | See Route 593. |
| | | UMSLING . . . | 9 | 18 | |
| | | UMSAO . . . | 9 | 27 | |
| | | UNLING . . . | 13 | 40 | |
| | Dy. Commr. of Kamrup, Gauhati. | CROSS ROADS . . . | 11 | 51 | For other remarks, see Rout 593. See Route 205. |
| | | GAUHATI . . . | 10 | 61 | |
| | | Total marches, 6 = | | 61 m. | |

Route No. 594(a).
FROM SHILLONG TO GAUHATI.
via MAUFONG AND MAIRANG.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Khasi and Jaintia Hills, Shillong. | MAUFONG b. . . | 14 | 14 | NOTE.—This is an unfrequented road, no supplies being obtainable throughout. A halting place, elevation 6,078 ft.; no supplies; abundant good water from a hill stream close to the road, on both sides of which are ample sites for O-G.; country hilly; road metalled and bridged, general width 12 ft., practicable for all arms. A halting place; no supplies; unlimited good water from a hill stream; plenty of space for O-G. on either side of the road; country as above; road about 12 ft. wide, unmetalled, but strongly bridged and practicable for all arms. A halting place, elevation 6,537 ft.; no supplies; unlimited good water from a hill stream (8 ft. wide) near road, on either side of which is ample space for O-G.; country and road as in last stage. |
| | | SAIXIONG b. . . | 7 | 21 | |
| | | MAIRANG b. . . | 8 | 29 | |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|-------|---|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Khasi and Jaintia Hills, Shillong Dy. Commr. of Kamrup, Gauhati. | NONGKLAO b. | 10 | 30 | A halting place; no supplies; unlimited good water from a hill stream near road, on either side of which is ample space for C-G.; country and road as above. |
| | | UMLURE . . . | 10 | 40 | A halting place; no supplies; abundant good water from a hill stream near road, on either side of which is plenty of space for C-G.; country and road as above, but bridges not in good order; cross the Khiri R. <i>en route</i> . |
| | | KUTMANNAR b. | 11 | 61 | A halting place, no supplies; plentiful good water from a hill stream near road, on either side of which is plenty of space for C-G.; country, road and bridges as above |
| | | RANIGODAM 300 x 100 yds. b. | 11½ | 77½ | A halting place; no supplies; unlimited good water from the Jagolia R., near which and W. of b. is C-G., now occupied by the huts of timber traders; country and road as above, latter strongly bridged. |
| | | GAUTHATI . . . | 17 | 94½ | See Route 205 |
| | | Total marches, 8 = | | | Country and road as in last stage. |
| | | 94½ m. | | | |

Route No. 595.
FROM SHILLONG TO KOHIMA.
 via THE ASSAM TRUNK ROAD, GOLAGHAT AND DIMAPUR.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|---|---|-----------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Dy. Commr. of Khasi and Jaintia Hills, Shillong. Dy. Commr. of Kamrup, Gauhati. Dy. Commr. of Nongpung, Nongpung. Dy. Commr. of Shengar, Shengar. Dy. Commr. of Naga Hills District, Kohima. | UMIAM . . . | 9 | 9 | See Route 593. |
| | | UMSLING . . . | 9 | 18 | |
| | | UMSAO . . . | 9 | 27 | |
| | | UMLING . . . | 13 | 40 | |
| | | CROSS ROADS . . . | 11 | 51 | |
| | | SONAPUR . . . | 8 | 59 | For other remarks, see Route 593. |
| | | NAKHOLA . . . | 14½ | 78½ | See Route 205. |
| | | AMLIGHAT . . . | 6½ | 80 | |
| | | DHARAMTUL . . . | 8½ | 88½ | |
| | | ROHA . . . | 12 | 100½ | |
| | | NOWGONG . . . | 14 | 114½ | |
| | | BHELUGURI . . . | 11½ | 120 | |
| | | DIJU RIVER . . . | 8½ | 134½ | |
| | | JOKLABANDHA . . . | 12 | 146½ | |
| | | DEOPANI RIVER . . . | 14 | 160½ | |
| | | HATHIKHALI . . . | 10 | 170½ | |
| | | DIPHLU RIVER . . . | 15 | 185½ | |
| | | NAMALIGARIH . . . | 11 | 196½ | A halting place; supplies on notice; grass scarce; good water from the Dhanairi R., between the road and which is site for C-G., country and bridges as above; road, 16 ft. wide, unmetalled, but practicable for carts; cross the Dhanairi (fordable for elephants in cold season) on starting, by a ferry of rafts. Country flat and cultivated; road and bridges as above. |
| | | KHANTAIGAOH 15,800 sq. yds. | 6½ | 208 | |
| | | GOLAGHAT . . . | 10½ | 218½ | |
| | | NAMBOR . . . | 11½ | 234½ | |
| | | BARPATHAR . . . | 7½ | 232½ | |
| | | NAO JAN . . . | 18½ | 245½ | |
| | | DOKA JAN . . . | 11 | 256½ | |
| | | DIMA PUR . . . | 13 | 269½ | |
| | | NIOHUGAUD . . . | 8½ | 278 | |
| | | GHAUSPANI . . . | 9½ | 287½ | |
| | | PIPHIMA . . . | 6½ | 297½ | See Route 208. |
| | | ZUBZA . . . | 8 | 305½ | |
| | | KOHIMA . . . | 8 | 313½ | |
| | | Total marches, 30 = | | | |
| | | 313½ m. | | | |

Route No. 596.
FROM SIALKOT TO DALHOUSIE.
via TRIMMU GHAT AND PATHANKOT.

373

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. G. O. C. Lahore District, Muzam Meer. | Dr. Commr. of Sialkot, Sialkot. Asst. Commr. of Dalhousie, Dalhousie. Deputy Commissioner of Gurdaspur, Gurdaspur. | PHILLORA . . . | 18 | 18 | See Route 808. |
| | | ZAFARWAL . . . | 11 | 24 | |
| | | SHAHGHARIB . . . | 9½ | 33½ | |
| | | NAYA KOT . . . | 9 | 42½ | |
| | | NAINA KOT . . . | 8 | 50½ | Country fairly cultivated; road raised, and good except during the rains. |
| | | TRIMMU GHAT . . . | 4½ | 55 | |
| | | PARMANAND . . . | 12 | 67 | |
| | | PATHANKOT . . . | 11½ | 78½ | |
| | | SHAHPUR . . . | 8½ | 86½ | See Route 804. |
| | | DIHAR . . . | 12½ | 99½ | |
| | | DUNERA . . . | 10½ | 109½ | For other remarks, see Route 175. |
| | | NYNI KHUD . . . | 10 | 119½ | |
| | | DALHOUSIE . . . | 13 | 132½ | See Route 175. For other remarks see Route 306. |
| | | Total marches, 18 = 132½ m. | | | |

Route No. 597.
FROM SIALKOT TO DHARMSALA.
via ZAFARWAL, PATHANKOT, AND NURPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. G. O. C. Lahore District, Muzam Meer. | Deputy Commissioner of Sialkot, Sialkot. Deputy Commissioner of Gurdaspur, Gurdaspur. Deputy Commissioner of Kangra, Dharmasala. | PHILLORA . . . | 18 | 18 | See Route 308. |
| | | ZAFARWAL . . . | 11 | 24 | |
| | | SHAHGHARIB . . . | 9½ | 33½ | |
| | | NAYA KOT . . . | 9 | 42½ | |
| | | NAINA KOT . . . | 8 | 50½ | For other remarks, see Route 306. See Route 804. |
| | | TRIMMU GHAT . . . | 4½ | 55 | |
| | | PARMANAND . . . | 13 | 67 | |
| | | PATHANKOT . . . | 11½ | 78½ | |
| | | NURPUR . . . | 16 | 94½ | Country hilly, road unmetalled, but suitable for wheeled traffic. |
| | | KOTLA . . . | 18½ | 107½ | |
| | | SHAHPUR . . . | 11½ | 119½ | See Route 175. |
| | | DHARMSALA . . . | 19½ | 139½ | |
| | | Total marches, 19 = 132½ m. | | | |

Route No. 598.
FROM SIALKOT TO GANGWAL FERRY, on the Chenab.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Sialkot, Sialkot. | GONDAL 400 x 400 yds. p.c. | 10 | 10 | A large village; supplies on notice; plentiful good water from 4 wells in the vicinity of O-G, which is W. of village; country fairly level and well cultivated; road unmetalled, but good and suitable for all arms. |
| | | GANGWAL . . . | 4 | 14 | |
| | | Total marches, 2 = 14 m. | | | A village; supplies on notice; water procurable; site for O-G, near village; country and road as above; cross the Chenab soon after starting by ferry, & large flat-bottomed boats. |

Route No. 599. FROM SIALKOT TO GUJRAT.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|--|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Sialkot, Sialkot. Deputy Commissioner of Gujrat, Gujrat. | KULLOOVAL 480 x 420 yds. p-o. b. | 11½ | 11½ | NOTE.—This road, except for the last few miles into Gujrat, is very difficult for wheeled transport. A small village near left bank of the Chenab; supplies on notice; abundant good water from 8 wells in the vicinity of C-G, which is about a mile from the river; country fairly level, open and well cultivated; road unmetalled, but fair and suitable for all arms in dry weather; nullahs bridged. |
| | | MOHUTA . . . | 6½ | 18 | |
| | | GUJRAT . . . | 14½ | 32½ | A village near right bank of the Chenab; supplies on notice; plentiful good water from cultivation wells in the vicinity; extensive site for C-G in fields; country as above; road unmetalled and very difficult for carts, passing over heavy sand on both banks of the Chenab; cross the river, which takes several hours, soon after starting, by ferry, 9 flat-bottomed boats, each carrying 60 men. |
| | | Total marches, 8 = 82½ m. | | | See Route 266. Country as above; road unmetalled as far as Jalalpur (p-o. t-s.) passed at about 5½ m., thence metalled and bridged. |
| | | | | | |

Route No. 600. FROM SIALKOT TO JHANG. via WAZIRABAD, JALALPUR, AND DUKHARI.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Sialkot, Sialkot. Deputy Commissioner of Gujranwala, Gujranwala. Deputy Commissioner of Jhang, Jhang. | SAMBRIAL . . . 570 x 360 yds. p-o. r-s b. | 14 | 14 | A large village; supplies procurable; plentiful good water from 7 wells within 200 yds. of C-G, which is N. of road; country level and well cultivated; road metalled and in good order, running parallel to the ry.; pass Ugoki (p-o.) at 7½ m. |
| | | WAZIRABAD | 14 | 28 | |
| | | SAROKI 118,800 sq. yds. p-o. | 9½ | 37½ | See Route 266. Country and road as above; pass Kopra at 5 m. |
| | | RAMNAGAR . . . | 12 | 49½ | A village; supplies on notice; plentiful good water from a well on, and others in vicinity of C-G, which is E. of and close to village; country level, open and partially cultivated; road, 60 ft. wide, unmetalled, but suitable for all arms; pass Vuclia at 8 m. |
| | | VANIKI 105,630 sq. yds. p-o. | 14 | 63½ | See Route 298. Country and road as above; pass Mandiala at 7 m. |
| | | JALALPUR . . . | 16 | 79½ | A village; supplies on notice; plentiful good water from wells within 100 yds. of C-G, which is N.E. of village; water also from a branch of the Chenab canal; country and road as above; pass Niliki at 7 and Thali at 12 m. |
| | | PINDI-BHATIAN . . . | 13½ | 93½ | Country and road as above; pass Kanpur at 8 and Khana at 12 m. See Route 290. |
| | | SHEKHAN . . . | 10 | 103½ | |
| | | CHINIOT . . . | 12 | 115½ | |
| | | BUKHARI . . . | 9½ | 124½ | |
| | | BHAWANA . . . | 14½ | 139½ | |
| | | KHIWA . . . | 14 | 153½ | |
| | | JHANG . . . | 15½ | 169 | |
| | | Total marches, 18 = 169 m. | | | |

Route No. 601. FROM SIALKOT TO KHOJA CHAK FERRY, on the Chenab.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Sialkot, Sialkot. | SAIDPUR 200 x 200 yds. | 10 | 10 | A small village near left bank of the Chenab R.; supplies on notice; abundant good water from wells in vicinity of C-G, which is close to village; country undulating; road, 30 ft. wide, unmetalled, but in fair order; nullahs bridged. Khoja Chak ferry is a mile from Saidpur across the Chenab; it has 4 flat-bottomed boats, carrying 60 men each. |
| | | Total marches, 1 = 10 m. | | | |

Route No. 602.
FROM SIALKOT TO SRINAGAR.
via JUMMOO AND THE BANIHAL PASS.

875

| ACTIVITIES. | | Name of stage and site of encampment grounds. | DISTANCE. | | REMARKS. |
|---|--------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. Resident in Kashmir, Srinagar. | | RANBIRSINGHPUR p-o. p.s. | 14 | 14 | <p>NOTE.—The route by the Banihal pass is the high road between Jummoo and Kashmir and may be considered practicable for laden ponies all the year round, but is occasionally closed for a few days during heavy falls of snow; European travellers are not, however, allowed to proceed along it without special permission from the Maharajah.</p> <p>A large village with a newly-built bazar, commonly called Nawashahr; supplies procurable; water good and plentiful; country level, open and well cultivated; road up to British boundary metalled, and beyond it in fair order; leave British territory at 8½ m.</p> |
| | | JUMMOO p-o. l.s. | 13 | 27 | |
| | | NAGROTA b. | 6 | 33 | <p>A small village; supplies and water procurable; the situation of the village is low and swampy, but a low ridge to the N. offers suitable site for encampment; the road descends to the Tawi by sloping stone steps, which are rather slippery, and follows right bank of the river over rough and stony ground; at 2 m. it passes a temple on a high bank to the W., and a little further on leaves the main stream, improves, passes another temple and a well, then lies through fields crossing the stony beds of several streams before reaching Nagrota.</p> |
| | | DANSAL p-o. | 10 | 43 | <p>A considerable village, situated about ½ m. S.E. of the Chhaprakad stream; supplies procurable; water from wells and a tank; space for C.G. in a shady garden N.W. of village; country as in last stage; road, which is smooth and level at first, crosses the bed of the Chhaprakad, and then ascends to the top of the Keraitar, whence there is an extensive view of the neighbourhood of Jummoo; it then continues along the ridge with many ups and downs, and in places awkward for laden animals, owing either to the steepness of the path or the narrowness of the passage worn in the friable rock, and finally descends to Dansal.</p> |
| | | UDHAMPUR p-o. b. | 12 | 55 | <p>A town; ordinary supplies and labour are procurable; water plentiful; within a mile after leaving Dansal, the Chhaprakad (a big tributary of the Tawi, almost always fordable) is crossed; pass at about 2 m. a sarai and tank, whence the precipitous ascent of the Karsi range commences; the pass is about 3,600 ft. high and the road stone-paved nearly all the way; the descent is rough and undulating for about 2 m. after which a fair stretch of country is passed through till near Udhampur, when the road descends to a stream and then rises up to the plateau on which Udhampur is situated.</p> |
| | | DHARMITAL b. | 12 | 67 | <p>A small village, elevation 3,700 ft.; no supplies or coolies obtainable; water procurable; on leaving the plateau of Udhampur the road follows the line of an unfinished and abandoned canal and is easy up to 9 m., where the Tawi R. is again followed; from this point the road rapidly ascends the slopes of the mountains till the stage is reached.</p> |
| | | BALOTI b. | 12 | 79 | <p>A village; supplies, water and coolies procurable; the road ascends almost the whole way; at 2½ m. a Chinani, an important town with p-o.; from here the road winds up a nullah to the Lathadhar range, and, though steep and difficult in places, is rideable, and at about the 7th m. the pass (7,000 ft. high) is crossed; after a descent of 3 m. Baloti b. is reached.</p> |
| | | RAMBAN p-o. b. | 16 | 95 | <p>A village, elevation 2,100 ft.; supplies and water plentiful; on a small plain on W. side of village is a shady space for C.G., hot in summer; it is better to camp in the shady groves along the Chenab; the road is now amongst high mountains and in parts difficult and rather dangerous; after a few ascents and descents the road drops rapidly to the valley of the Chenab, the river being crossed near end of stage, by a suspension bridge.</p> |
| | | RAMSU b. | 13 | 107 | <p>A small village, elevation 4,100 ft.; few supplies procurable; water plentiful; the road crosses a stream, runs along right bank of the Chenab, and is pretty level for 2½ m., then crosses a nullah by a large wooden bridge and commences a steep, rugged ascent and descent to the Bichlari (temporarily bridged, but bridge is often carried away), very difficult for laden animals and cars must be taken, particularly in the latter part of the stage.</p> |
| | | BANIHAL b. | 10 | 117 | <p>A village, elevation 6,650 ft.; supplies procurable; water plentiful; country wooded and partially cultivated; this road has been re-constructed, and the march is easy and may be ridden in 3 hours; the Bichlari stream is followed all the way and crossed twice; at 8 m. the Banihal valley is entered.</p> |
| | | VERNAG b. | 11 | 128 | <p>A large village, elevation 6,500 ft.; supplies and coolies abundant; a celebrated spring, one of the sources of the Jhelum, gives ample water; road for first 4 m. follows the left bank of a stream, smooth and level; thence bends to the E., passing through Siril, after leaving which it bends more to E. and commences to ascend by a very fair road till foot of the pass is reached at a place called Takla, a few houses and a good spring, elevation 8,600 ft.; from here the ascent of the Banihal pass commences by zigzags, steep but not dangerous; small huts are built on the hillsides as refuges for travellers during winter, when a dangerous wind often prevails; a very good view of the Kashmir valley is obtained from the top of pass, which is 9,200 ft. high; descent is easy, though somewhat rough and stony till the last mile, which is level.</p> |
| | | ISLAMABAD b. | 10 | 141 | <p>Country level, open and well cultivated; pass Shahabad, a large village where a halt might be made, at 4, cross the Bring, a branch of the Jhelum, at 6 m., and the Arjant at end of stage, both bridged; some of the streams are difficult after heavy rain.</p> |
| | | AVANTIPUR b. | 18 | 162 | <p>See Route 203.</p> |
| | | SRINAGAR b. | 17 | 179 | <p>For other remarks, see Route 2.</p> |
| | | Total marches, 14 = | | | |
| | | 179½ m. | | | |

Route No. 602(a).
FROM SIALKOT TO SRINAGAR.
via KIRIMCHI AND THE BANIHAI PASS.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | RANBISINGHPUR . . . | 14 | 14 | See Route 602. |
| | | JUMMOO . . . | 13 | 27 | |
| | | NAGROTA . . . | 6 | 33 | |
| | | DANSAL . . . | 10 | 43 | |
| | | KIRIMCHI . . . | 18 | 60 | A good-sized village, commanded by a ruined fort situated on the top of an isolated hill about 200 ft. high; coolies scarce; supplies and water procurable; space for C.G. before reaching the village; country as in last stage; road descends to the bed of the Chapatnad by a paved path (stream about 70 yds. wide and knee-deep in the rains), and then proceeds with continual ascents and descents, crossing the Dudar, which is about 70 yds. wide and almost waist-deep, and, passing two loop-holed towers at the entrance to the villages of Garhi and Hatti, descends to Krimchi. |
| | | MIR . . . | 9 | 69 | A widely scattered hamlet; coolies and supplies not to be depended on; water good; road passes down to a small stream about 10 yds. wide and waist-deep in the rains, then through rice-fields to the Biru, which is about 60 yds. wide and waist-deep; thence along the left bank of the stream and up the bare side of a hill to the village of Tirs, after which a succession of ascents and descents, till it descends into the valley of Mir. |
| | | LANDRA . . . | 9 | 78 | A scattered village, with a small fort; supplies procurable; water abundant; road makes a gentle ascent for 1½ m.; after an easy descent an open grassy ridge on which are some old graves, is reached and crossed, then a steep and stony descent through the village of Chalan; cross two torrents through cultivation; road still descending, rather steep and stony, to village of Bakal, thence across a stream about 20 ft. wide, but so deep and swift in the rains that the passage is frequently interrupted for some hours; ascend the opposite hill; road steep and stony to commencement of village of Landra; continue about a mile through fields and cross a stream to the fort. |
| | | BILLAR . . . | 10 | 88 | A scattered hamlet; supplies procurable; water scarce; limited space for C.G.; country hilly and thickly wooded; road ascends to top of the Laro Lodi and then descends, steep and stony in places, but the descent is better than the ascent; from the top of the ridge there is said to be a bye-path to the E. by which Indian coolies can reach Krimchi in two days. |
| | | RAMBAN . . . | 7 | 95 | Country as in last stage; road fair, with continual ascents and descents, crossing the Chenab by a bridge of 100 ft. span; after crossing the river, it turns W. along the right bank and is mostly level and smooth. See Route 602. |
| | | RAMSU . . . | 18 | 103 | |
| | | BANIHAI . . . | 10 | 113 | |
| | | VERNAG . . . | 11 | 124 | |
| | | ISLAMABAD . . . | 16½ | 140½ | For other remarks, see Route 602. |
| | | AVANTIPUR . . . | 18 | 158½ | |
| | | SRINAGAR . . . | 17 | 175½ | |
| | | Total marches, 16 = 176½ m. | | | For other remarks, see Route 6. |

Route No. 602(b).
FROM SIALKOT TO SRINAGAR.
via AKNUR AND SHAPIYON.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. O. Bawal Pindi District, Bawal Pindi. | Dy. Commr. of Sialkot, Sialkot. | CHAPRAE . . . 300 x 300 yds. p-o. | 11 | 11 | A good-sized village; supplies on notice; abundant good water from 4 wells in the vicinity of C.G., which is N. of and close to village; country level, open and fairly cultivated; road, 60 ft. wide, unmetalled, but fair and suitable for all arms. |
| | | GUJANSO . . . | 10 | 21 | A small village; supplies must be collected; good water plentiful; country level, open and fairly cultivated; road fit for carts; cross the Tawi R. at 4 m., by a ferry or ford. |
| | | AKNUR . . . | 12 | 33 | A large village; supplies procurable; water plentiful; country undulating; road fit for mules; cross the Chenab at end of stage, by ferry. The Chenab is not navigable above Aknur. |
| | | JANDHA-KI-BAOLI . . . | 7 | 40 | A few huts; no supplies; water rather scarce; country, low hills, covered with thick jungle; the road lies up the stony bed of a torrent for about 3 m.; pass tanks at 2 and 8 m. respectively. |
| | | PONI . . . | 8 | 48 | A large village, situated in a wide fertile valley; supplies and good water plentiful; country as in last stage; the path follows the stony bed of a torrent, till it meets the bed of a small stream, where there are two or three houses, and then it ascends from the bed of the stream and crosses a ridge; a stream is now forded and the path runs for 2 m. direct across the valley. |
| | | CHELE . . . | 8 | 56 | A small village; no supplies; water from a stream; fair C.G. below the village; country hilly and barren; road very bad, almost impracticable for Indian animals; a stiff ascent over a rugged hill, ½ m. beyond the summit of which, pass Chouktra; a steep descent, after passing Chele, to the camp. |
| | | | | | |

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | NAR . . . | 12 | 68 | A few houses; no supplies; water procurable; country hilly and jungly; road difficult and stony, following the bed of a stream, which is crossed very often for some distance; pass Gondali at 3½ m.; the last 2 m. a steep rugged ascent, very difficult for laden animals. |
| | | BHAGOLI . . . | 8 | 76 | A very small village; no supplies; fuel and water procurable; country and road as in last march; a steep ascent for 3, then along the crest of the hill for 8, and a stiff descent for last 2 m. |
| | | DUDIL . . . | 5 | 81 | A large village, with a good deal of cultivated ground; supplies and water plentiful; C.G. good; country and road as above; descend for 3½ m., then cross a stream by a ford knee-deep, and ascend to camp; a small fort here. |
| | | ABID . . . | 4 | 85 | A few scattered houses; no supplies; water from a stream, very limited; C.G. fair; country and road as above; pass Barot at 2 m., ascend a ravine by a stony and bad road, and camp in a sheltered spot at the foot of the pass. |
| | | DELHI . . . | 7 | 92 | A few houses; no supplies; wood and good water procurable; country mountainous; road generally bad, a stiff ascent for 1½ m., then 3 m. of fair road, afterwards a steep descent. |
| | | NAZIM-DI-GARHI . . . | 14 | 106 | No supplies; wood and water procurable; encamp near a stream; country mountainous and barren; road difficult and stony; a stiff ascent, then for 4 m. along a bare hillside to the foot of the pass, ascent again for about 2 m., then a gradual descent on the other side for a short distance. |
| | | SHAPIYON . . . | 11 | 117 | Country hilly, well wooded in parts; road fair. See Route 303. For other remarks, see Route 6. |
| | | RAMU . . . | 12 | 129 | |
| | | SRINAGAR . . . | 18 | 147 | |
| | | Total marches, 16 = 147 m. | | | |

Route No. 602(c).

FROM SIALKOT TO SRINAGAR.

via AKNUR, RAJAORI, THE PIR PANJAL PASS AND SHAPIYON.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G.O.C. Poral Lithal Panch, Lithal Panch, Lithal Panch. | By Civilian, Lithal Panch, Lithal Panch. | CHAPRAE . . . | 11 | 11 | See Route 602(b). |
| | | GUJANSO . . . | 10 | 21 | |
| | | AKNUR . . . | 12 | 33 | |
| | | TANDA . . . | 6 | 39 | A small village, with a sarai; supplies and good water procurable; country, low hills, covered with jungle; road tolerable, but stony in parts. |
| | | DABB . . . | 11 | 50 | A few houses, with an old sarai; supplies scarce; good water procurable; country as in last stage; road difficult and stony, passing up and down several ravines; the last ascent and descent are steep. |
| | | THANDA PANI . . . | 12 | 62 | A few houses, with a sarai; supplies procurable; good water plentiful; country as in last stage; road rather better. There is a new and more direct road between Aknur and Thanda Pani, which makes the following stages:— Barnal 10 m. Thanda Pani 14 " TOTAL . . . 24 m. |
| | | DHARMASAL . . . | 10 | 72 | A sarai; supplies and good water procurable; country as above; road very fair, crossing a low range of hills covered with brushwood. |
| | | SIALSAI . . . | 10 | 82 | A village, with a sarai; supplies scarce; good water procurable; country and road as above; cross steep range. |
| | | RAJAORI (RAMPUK) . . . | 14 | 96 | Country as above; road good; some of the streams are large, and difficult after rain. |
| | | THANNA MANDI . . . | 14 | 110 | See Route 303. |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | BARANGALA . . . | 10 | 120 | |
| | | POSHIANA . . . | 10 | 130 | |
| | | ALJABAD SARAI . . . | 11 | 141 | |
| | | HIEPURA . . . | 12 | 153 | |
| | | SHAPIYON . . . | 8 | 161 | |
| | | RAMU . . . | 12 | 173 | For other remarks, see Route 6. |
| | | SRINAGAR . . . | 18 | 191 | |
| | | Total marches, 17 = 191 m. | | | |

Route No. 602(d). FROM SIALKOT TO SRINAGAR.

via BHIMBAR, RAJAORI, THE HAJI PIR PASS, URI AND BARAMULA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|---|---------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Dr. Commr. of Sialkot, Sialkot. | KULLOOWAL . . . | 11½ | 11½ | See Route 609. |
| | Dr. Commr. of Sialkot, Sialkot. | MOHUTA . . . | 6½ | 18 | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | JALALPUR . . . p-o. t-s. | 8 | 26 | A town of considerable importance; supplies abundant; plentiful good water from wells in the vicinity of G-G, site for which is near town; country level, open and well cultivated; road, 50 ft. wide, unmetalled, but suitable for all arms. |
| | | DAULATNAGAR . . . | 11 | 37 | |
| | | KOTLA . . . | 7 | 44 | |
| | | BHIMBAR . . . | 6½ | 50½ | See Route 803. |
| | | SAIDABAD . . . | 14 | 64½ | |
| | | NAOSHERA . . . | 13 | 77½ | |
| | | CHINGASS SARAI . . . | 14 | 91½ | See Route 803(a). |
| | | RAJAORI (RAMPUR) . . . | 14 | 105½ | |
| | | THANNA MANDI . . . | 14 | 120½ | |
| | | SURAN . . . | 16 | 136½ | See Route 803(a). |
| | | PUNCH . . . | 14 | 150½ | |
| | | KAHUTA . . . | 12 | 162½ | |
| | | ALLABAD . . . | 9 | 171½ | For other remarks, see Route 803(a). |
| | | HYDRABAD . . . | 8 | 179½ | |
| | | URI . . . | 14 | 193½ | |
| | | NAOSHERA . . . | 14 | 207½ | See Route 8. |
| | | BARAMULA . . . | 9 | 216½ | |
| | | PATAN . . . | 16½ | 233½ | |
| | | SRINAGAR . . . | 17½ | 250½ | |
| | | Total marches, 21 = 250½ m. | | | |

Route No. 602(e).

FROM SIALKOT TO SRINAGAR.

via JUMMOO, KISHITWAR AND ISLAMABAD

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | RANBIRSINGH-PUR . . . | 14 | 14 | See Route 602. |
| | | JUMMOO . . . | 18 | 27 | |
| | | NAGROTA . . . | 6 | 33 | |
| | | DANSAL . . . | 10 | 43 | |
| | | UDHAMPUR . . . | 12 | 55 | |
| | | DHARM TAL . . . | 12 | 67 | A small village; supplies and water procurable; country hilly, with cultivation in the valleys; road difficult in places. |
| | | BALOTI . . . | 12 | 79 | |
| | | ASAR . . . | 16 | 95 | |
| | | KALLAN . . . | 16 | 110 | |
| | | BHELI . . . | 11 | 121 | |
| | | ZANGLWAR . . . | 14 | 135 | A village; supplies and water procurable; country hilly and well wooded; road fair. |

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|------------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | JOSHNI . . . | 8 | 141 | Country and road as in last stage. |
| | | KISHTWAR . . . | 16 | 166 | |
| | | MUGHAL MAIDAN . . . | 16 | 172 | See Route 203. |
| | | SINGPUR . . . | 16 | 188 | |
| | | WANKRINGI . . . | 16 | 204 | |
| | | WANGAM . . . | 12 | 216 | |
| | | ISLAMABAD . . . | 17 | 233 | |
| | | AVANTIPUR . . . | 18 | 251 | |
| | | SRINAGAR . . . | 17 | 268 | |
| | | Total marches, 20 = 268 m. | | | For other remarks, see Route 2. |

Route No. 603.
FROM SIBSAGAR TO BOMJUR.
via THE ASSAM TRUNK ROAD.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | By Commr. of Sibsagar, Sibsagar. Deputy Commissioner of Jakhimpur, Dibrugarh. | DIMU RIVER . . . | 12 | 12 | See Route 205. |
| | | DIHING RIVER . . . | 9 | 21 | |
| | | SESSA GARUNIA . . . | 9 | 30 | |
| | | DIBRUGARH . . . | 11 | 41 | |
| | | CHABUA . . . | 17½ | 68½ | |
| | | TINSUKIA . . . | 12 | 70½ | |
| | | DOOM-DOOMA . . . | 16½ | 86½ | |
| | | SAIKWA GHAT . . . | 16½ | 102½ | |
| | | SADIYA . . . | 6 | 107½ | A small military police stockade; supplies on notice; water from the Dikrang R.; C-G., country and road as in last stage; pass Dikrang Fort at 5 m. A military police stockade; supplies on notice; good water from the Dibang R.; C-G. as in last stage; country covered with forest; road as above; cross the Dibang R. en route. |
| | | KERAMPANI . . . | 11 | 118½ | |
| | | BOMJUR . . . | 13 | 131½ | |
| | | Total marches, 11 = 181½ m. | | | |

Route No. 604.
FROM SIBSAGAR TO JEYPORE (ASSAM).
via KENDUGURI.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | By Commr. of Jakhimpur, Dibrugarh. Deputy Commissioner of Sibsagar, Sibsagar. | DISANG RIVER . . . 128,000 sq. yds. | 12 | 12 | Encamp on right bank of the Disang; supplies procurable from neighbouring villages; good water from the river; country, a level plain covered with jungle; road level, unmetalled, general width 14 ft., practicable for carts; nullahs (fordable, except after heavy rain) temporarily bridged; cross the Datika soon after starting, and the Disang at end of stage, both fordable in cold season, ferry (1 raft, carrying 25 men) in the rains. |
| | | DIROI RIVER . . . 75,800 sq. yds. | 10 | 22 | Encamp on right bank of the Diroi; supplies must be collected; good water from the river; country, road and nullahs as above; cross the Diroi at end of stage, by ferry, 1 raft. |
| | | KHARGHORIA PUKEI . . . 240,000 sq. yds. | 7 | 29 | Encamp on high ground close to a tank; supplies from neighbouring villages; water, not very good, from the tank; C-G. would have to be cleared of jungle; country, road and nullahs as above. |
| | | KENDUGURI . . . | 17 | 40 | A village on the Dihing R.; supplies scanty; good water from the river, on bank of which, and W. of village, is site for small C-G.; country, road and nullahs as above. |
| | | DESAM . . . | 18 | 59 | A halting place; supplies scanty; good water from the Desam R., on bank of which and close to road is site for C-G.; country, road and nullahs as above. |
| | | JEYPORE . . . | 8 | 67 | See Route 207. |
| | | Total marches, 6 = 67 m. | | | Country and road as before. |
| | | | | | |

Route No. 604(a).
FROM SIBSAGAR TO JEYPORE (ASSAM).
via SUFFRY.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS |
|------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | By. Commr. of Jachampur, Dibrugarh. Deputy Commissioner of Sibsagar, Sibsagar. | NAZIRA . . . | 0½ | 0½ | Country flat and partially cultivated; road, 16 ft. wide, unmetalled, but bridged over nullahs and suitable for laden animals; cross the Dihlu on starting, by ferry. |
| | | DULBAGAN . . . | 7½ | 17 | |
| | | SUFFRY . . . | 8 | 25 | See Route 286. |
| | | TEOK . . . | 0 | 34 | |
| | | SAPAKATI . . . | 8½ | 42½ | |
| | | DILLIT . . . | 13 | 54½ | |
| | | JEYPORE . . . | 7 | 61½ | For other remarks, see Route 207. |
| | | Total marches, 7 = 61½ m. | | | |

Route No. 605.
FROM SILIGURI TO GANTAK, in Sikkim.
via THE TISTA BRIDGE.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS |
|---|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Darjeeling, Darjeeling. Political Officer, Sikkim. | KALIJHORA b. | 10½ | 10½ | A halting place; no supplies but fuel abundant; plentiful good water from the Kalijhora stream, which is bridged; site for C-G. on a level stretch of thickly wooded ground about 160 yds N-W. of the bridge and in rear of b.; country hilly and densely wooded; road good, metalled and bridged. |
| | | TISTA BRIDGE | 18½ | 29½ | Near the bridge is a small bazar; no suitable place for C-G here; one of the following sites might be adopted: (a) at 10½ m. from Kalijhora, rear bridge No. 91, is a small piece of ground, about 70 yds long and 20 to 30 yds wide, on both sides of the road and 40 ft. above the river whence water is obtainable, fuel abundant; (b) a more extensive and better C-G, could be made about 2½ m. beyond the Tista Bridge, it is level and thickly wooded and situated at the point where paths to Gantak and Kalijhora bifurcate; good water from the Dihlu close by; country and road as above. |
| | | RANGPO b. | 14½ | 44 | A halting place where a weekly bazar is held; no supplies for troops but fuel abundant; plentiful good water from the Rangpo R., on right bank of which is a level stretch of sandy ground about 200 yds long and from 20 to 100 yds wide with huts in the centre, available for C-G.; this site needs no preparation, but is under rice cultivation from June to October; the triangular patch of ground on left bank (farther side of bridge) on both sides of road is level, and, if cleared, would make a spacious site. There is a new cart-road, which is to be extended to Singtam, 4½ m. from Gantak, where there are good sites for encampment. |
| | | PAKYONG p-o. b | 10 | 54 | A bazar, supplies on notice; fuel plentiful; water from standard pipe in bazar, 250 yds. from which and opposite b. is a small, level piece of ground suitable for camping; there is another small site about ½ m. beyond Pakyong in a level fenced field, under cultivation from June to October only; abundant good water from a spring 200 yds. below; road as in last stage. |
| | | GANTAK p-o. t-s | 10 | 64 | A military post in Sikkim; supplies procurable; abundant good water from 6 standard pipes 10 yds N of parade ground which is used for C-G.; country hilly and wooded, road, a fair track, steep in places. |
| | | Total marches, 6 = 64 m. | | | |

Route No. 606.
FROM SIMLA TO CHAKRATA.
via PHAGU AND MANDHOL

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS |
|-----------------------------------|--------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Deputy Commissioner of Simla, Simla. | From the Church to PHAGU p-o. b. | 12 | 12 | A small village; supplies on notice; good but limited water from 3 wells, one 200 yds S-W. of b., the other on slope below bazar, sufficient space on cultivated land near village to encamp a battery; country mountainous; road good, metalled for first half of stage; pass Sanjivani tunnel at 2½, the toll-bar at 3½ (just beyond which the old Tibet road to Mashobra branches off), and crosses the Mahana range at 6 m. |
| | | SYNJ . . . | 8 | 20 | A small village; supplies on notice; good water from a stream, 700 yds from which is small site for C-G.; country mountainous and wooded; road 6 ft. wide, unmetalled, passable for mountain artillery; cross 2 nullahs en route, the first is unbridged. |
| | | DHAR . . . | 7 | 27 | A small village; supplies on notice; good water from a ravine about 9 m. E. of village, close to which is small site for C-G.; country as above, but dense forest towards end of stage; road narrow and in a bad state of repair, but passable for mountain artillery, across the Guri stream, en route, by a good bridge. |
| | | | | | |

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Simla, Simla. | PATERNALA | 6 | 33 | A small village; supplies on notice; good water (very scarce in village) from a ravine 1 m. distant; small site for C-G. close to village; country and road as above; ascend to a village near the summit of a hill, from which there is a long descent to a torrent, and after another steep ascent, the road leads for about 1½ m. through a magnificent forest of oak and holly trees. |
| | | CHEPAL | 10 | 43 | A small village; supplies on notice; good water from 8 springs and a pond near C-G., small site for which is on E. side of road; country as above, with thick forests; road, 8 to 10 ft. wide, unmetalled, passable for infantry and mountain artillery; a steep descent about half-way, just before reaching the road to the Chur, which is distant from this point about 24 m. |
| | | PEONTRI | 9 | 52 | A small village; supplies on notice from the surrounding villages; abundant good water from a water-course close to C-G., small site for which is near village; country and road as above; cross a small bridged stream en route. |
| | | TIKRI | 8 | 60 | A small village; supplies on notice; good water from a spring 300 yds. distant; small site for C-G. below road and N. of village; country and road as above; descend to the Shalla (bridged) which is crossed at 2 m., then ascend and descend again to a valley, after which ascend for about 8 m. |
| | | MANDHOL b. | 5 | 65 | A village; supplies scanty; water, scarce in dry season, from springs and streams within ½ m. of C-G., small site for which is on either side of the road, ½ m. S-W. of village; road, a good but steep bridle-path passing through a well-wooded forest; a steep descent from Tikri until a small stream is crossed; the descent then becomes more gradual till the end of the march, when it again becomes steep. |
| G. O. C. Meerut District, Meerut. | Superintendent of Dehra-Dun, Dehra-Dun. | MAINDROT 31,000 sq. yds. | 9 | 74 | A village, elevation 2,500 ft.; supplies scarce; good water from the Tonsa R.; C-G. at S-E. corner of village; country hilly; road as in last stage; a steep descent to the Tonsa, which is crossed at 6 m. by a wire suspension bridge, thence an easy ascent to camp. |
| | | JAKNI LANI 200 x 65 yds. b. | 10 | 84 | A halting place about ½ m. N. of the village of Bhatara; supplies scarce; good water obtainable all the year from a stream about ½ m. E. of C-G.; country and road as above, latter nearly all up-hill. |
| | | KINANIPANI | 11 | 95 | A halting place; no supplies; good water from a stream, about ½ m. from which and N. of road is small site for C-G.; country and road as above; first half of march down-hill, rest up-hill. |
| | | CHAKRATA | 15 | 110 | See Route 406. |
| | | Total marches, 12 = 110 m. | | | Country and road as above; gradient easy along the top of the main ridge between the Tonsa and the Jumna; pass Deoband at 11 m., whence there is a rather steep descent to Chakrata. |

Route No. 607.
FROM SIMLA TO THE CHUR PEAK.
via PATERNALA.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Simla, Simla. | PHAGU | 12 | 12 | See Route 606. |
| | | SYNJ | 8 | 20 | |
| | | DHAR | 7 | 27 | |
| | | PATERNALA | 6 | 33 | |
| | | KAGNAI | 13 | 46 | A village, situated on a projecting ridge; supplies easily procurable; water plentiful; road for 6 m. leads through the Paternala forest, then, leaving the Chakrata and Mussoorie road, descends for some distance down the side of a grassy mountain, and passes a village by a stream at about 11 m. |
| | | SIRRAHA | 12 | 58 | A large village on the right bank of a torrent; supplies and water easily procurable; shady C.G. ½ m. beyond the village; road descends on starting for about a mile, when a large stream is crossed by a bridge; there is then an ascent for 2½ m. through a wood, until the valley of Sirraha, backed by the Chur, appears in view; the road becomes very narrow and continues ascending and descending along bare hills, until a huge torrent is crossed by a good bridge; 2 m. beyond is Sirraha. |
| | | CHUR PEAK | 5 | 63 | For the first mile on leaving Sirraha the road is fit for riding; the ascent then becomes steeper and steeper, the path leading, until within 2 m. of the top, through a magnificent forest; about 1 m. from the summit there is a forest of birch trees, and just under the highest peak there is a spring of water. The summit of the Chur (elevation 11,958 ft.) is a knife-edge, covered with huge fantastic rocks and crowned by a cairn and "decks" dedicated to "Churi Chandni," the goddess of the peak. |
| | | Total marches, 7 = 68 m. | | | |

Route No. 607(a).
FROM SIMLA TO THE CHUR PEAK.
via BHUJJAL AND BHAIROG.

| AUTHORITY. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|-----------------------------|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Jr. Commr. of Simla, Simla. | PHAGU | 13 | 12 | See Route 606. |

| AUTHORITIES | | Names of stages and also encamping grounds | DISTANCE | | REMARKS |
|------------------------------------|--|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Sindhi District, Umballa. | Superintendent, Hill States, Simla. | DIKHTALI . . . | 13½ | 34½ | A small village on right bank of the Giri; supplies on notice; water from the river; encamping space for about 2 companies; descend on starting by a good path down a long spur to Chnog, reached at 2 m., thence almost level for about a mile; at 8 m. a path goes over the ridge to the right by Banga Pani, a picturesque glade with a temple and running stream; take the steep path which goes down hill, leaving the temple on the right and pass near another temple on a bare ridge overlooking Dallaha village, whence there is a descent by a steep and rough footpath to the Simla-Chakrata road; at 9 m. the road drops by a series of easy zigzags to a much lower level and passes Kot at 18 m. |
| | | BHUJJAL . . . | 14 | 38½ | |
| | Commissioner of Delhi, Delhi. | GALOG . . . | 4½ | 43 | A small village; few supplies on notice; water from the Bhabari stream, near which, and below road about ½ m. beyond village, is encamping space for 2 companies; descend by the Simla-Chakrata road to the Giri (fordable except after heavy rain) and cross to left bank, then ascend steeply for about 200 ft., pass Nari police sta., and follow the right bank of the Bhabari stream, ascending very gradually but steadily along a fertile and picturesque valley; road is good, and, though difficult in places, passable for camels. |
| | | BHAIROG . . . | 7 | 50 | A small village; no supplies except wood; abundant good water; camping site, for a tent, on cultivation; follow the Simla-Chakrata road for 1½ m., then strike up the Dhurchu Khadi stream for about 200 yds., thence up a steep hill path on right bank, which is just practicable for Indian mules; ascend about 1,000 ft., then through a splendid forest, passing numerous streams; steady rise to the wooded ridge above Galog, which lies in a hollow on E. side of the hill. |
| | | OHUR PEAK . . . | 6½ | 54½ | See Route 607. Proceed along a rough hill path, obstructed by fallow trees, through dense forest, then over grassy downs to foot of a steep ascent by steps in the rock; path emerges about 800 ft. below the summit, and then follows western slope of the hill to the top. |
| | | Total marches, 6 = 54½ m. | | | |

Route No. 608.
FROM SIMLA TO DAGSHAI.

| AUTHORITIES | | Names of stages and also encamping grounds | DISTANCE | | REMARKS |
|------------------------------------|--------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Sindhi District, Umballa. | Dr. Commr. of Simla, Simla. | From the Camp to KHAIRI GHAT . . . | 18½ | 18½ | See Route 331. |
| | | SOLAN . . . | 13½ | 32 | |
| | | DAGSHAI . . . | 11½ | 43½ | See Route 387. Country mountainous; road good and practicable for carts; leave the Kalka road at 9½ m., and ascend by an easy gradient to Dagshai; there is a mule path, which is nearly 3½ m. shorter, leaving the Kalka road at 7 m. |
| | | Total marches, 3 = 43½ m. | | | |

Route No. 609.
FROM SIMLA TO DALHOUSIE.
via BADI, HAJIPUR AND PATHANKOT.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS | | |
|---------------------------------------|--|---|----------|--------|---|---|---|
| Military | Civil | | Miles. | Total. | | | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Simla, Simla. | From the Church to SAIRI . . . | 10½ | 10½ | See Route 381(a). | | |
| | | KAKARHATTI . . . | 10½ | 20½ | | | |
| | | KHADI . . . | 8 | 28½ | | | |
| | | BADI . . . | 11½ | 40 | | | |
| | | JUGATKHANA . . . | 11 | 51 | | | |
| G. O. C. Lahore District, Beas River. | Deputy Commissioner of Hobanpur, Hobanpur. | ADIANA . . . | 8½ | 59½ | A small village on right bank of the Sutlej; supplies on notice; plentiful good water from wells close to C-G, good but small site for which is near village; country well cultivated; road unmetalled, sandy, and in some places stony, but on the whole fair. | | |
| | | NURPUR 106,630 sq. yds. p-o. | 7½ | 67½ | | A large village; supplies and water abundant; C-G. good; country as above; road heavy in places; cross several nullahs, which would be difficult after much rain. | |
| | | PHULAN . . . 93,670 sq. yds. | 10½ | 77 | | | A fair-sized village; supplies on notice; water good and plentiful; C-G. good; country and road as in last stage; pass Mawa at 2 m. and ford the Sohan R. about half-way. |
| | | SANTOKGARH 14,120 sq. yds. p-o. | 6½ | 84½ | | | |

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Hoshiarpur, Hoshiarpur. | UNA | 9½ | 92½ | A fair-sized town; supplies and water procurable; C-G. good; country fertile; road good, though sandy and heavy in places; cross and re-cross the Sohan about half-way, always fordable. |
| | | 59,930 sq. yds. p-o. | | | |
| | | CHARURO | 12 | 104½ | A small village; supplies on notice; water procurable; good C-G. near village; country hilly; road rather heavy in places, but fair; ford several tributaries of the Sohan en route. |
| | | 33,840 sq. yds. p-o. | | | |
| | | AMB | 8 | 112½ | See Route 329(a). Country very hilly; road fair. |
| | | DAULATPUR | 10½ | 123½ | A small village; supplies must be collected; water procurable; fair site for C-G. near village; country and road as in last stage. |
| | | 10,600 sq. yds. p-o. | | | |
| | | TALWARA | 13½ | 137 | A small village on the Beas R.; supplies on notice; water plentiful; C-G. good country and road as above; nullahs very stony. |
| | | 34,010 sq. yds. p-o. | | | |
| | | HAFIPUR | 9 | 146 | A large village; supplies procurable; water plentiful; C-G. good; country tolerably well cultivated; road very heavy and broken in the rains; pass Hindwal at 6½ m. |
| | | 48,010 sq. yds. p-o. | | | |
| | | MIRTHAL | 12½ | 158½ | Country as above; road unmetalled, but good and practicable for wheeled transport. |
| | | | | | See Route 328. |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Gurdaspur, Gurdaspur. | PATANKOT | 11½ | 169½ | For other remarks, see Route 304. |
| | | SHANPUR | 8½ | 178½ | |
| | | DHAR | 12½ | 190½ | See Route 304. |
| | | DUNERA | 10½ | 201 | For other remarks, see Route 325. |
| | | NYNI KHUD | 10 | 211 | |
| | | DALHOUSIE | 13 | 224 | See Route 176. |
| | | | | | For other remarks, see Route 306. |
| | | Total marches, 22 = 224 m. | | | |
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Route No. 610.
FROM SIMLA TO DHARMSALA.
 via JUTOGH, BILASPUR AND SUJANPUR.

| AUTHORITIES. | | Names of stages and site of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Deputy Commissioner of Simla, Simla. | From the Church to JUTOGH | 5½ | 5½ | A cantonment; supplies procurable; good water, for a bottm., from wells about ½ m. down the hill S. of cantonments; C-G. on the parade ground; country mountainous, some cultivation; good metalled road passable for all arms; pass Dhillmanganj bazar at 2½ m. |
| | | 290 x 140 yds. p-o. l-s. | | | |
| | | ERKI | 16 | 21½ | A large village; supplies procurable; abundant good water from a stream 500 yds. from village; three plots of level cultivated land available E. of village for C-G.; country as before; road unmetalled, 7 to 8 ft. wide, very steep gradients, in good order, passable for infantry and mountain artillery; some nullahs are crossed which are at times impassable after heavy rain. |
| | | (i) 220 x 30 yds. | | | |
| | | (ii) 290 x 30 yds. | | | |
| | | (iii) 200 x 30 yds. p-o. b. | | | |
| | | NANULL | 14 | 35½ | A village; supplies on notice; water for 100 men and 100 animals from a spring and small stream close to C-G., a small site for latter being available on some cultivated land near village; country, road and nullahs as in last stage. |
| | | b. | | | |
| | | BILASPUR | 12 | 47½ | A town on left bank of the Sutlej; supplies on notice; good water from the river, near which, and S. of town is C-G.; country and road as in previous stage; latter ascends and descends until the high range of hills is left; at 9 m. Rajpur is reached. |
| | | 890 x 200 yds. p-o. b. | | | |
| | | KUMARHATI | 9 | 56½ | A small village; supplies on notice; unlimited water from a stream close to C-G., which is on level cultivated land near village; the above stream swells in the rains and at times has to be crossed on inflated muskies; no boats available; country as above; road unmetalled, fairly level, 8 to 8 ft. wide, passable for infantry and mountain artillery; on leaving Bilaspur the Sutlej is crossed by a suspension bridge 2½ m. up stream; to reach this bridge a stream has to be crossed which is frequently impassable in the rains; pass Barhi at 4 and Balloh at 5½ m. |
| | | 200 x 60 yds. | | | |
| | | MAIR-KI-HATI | 12 | 68½ | A village; supplies must be collected; good but limited water from a well ½ m. E. of, and (for animals) from a small stream (in rains only) ½ m. below C-G., small site for which is situated close to village; country hilly and intersected by mountain streams and ravines; road unmetalled, good but not fit for wheeled traffic. |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Kangra, Dharmasala. | HAMIRPUR | 9½ | 77½ | A village; supplies without notice for small parties only; plentiful good water in village, for animals from a stream; small site for C-G. S. of Patwar Khans; country as in last stage; road in good order, a mule track, no streams bridged except the Kuanar R.; gradients steep where nullahs are crossed. |
| | | p-o. b. | | | |
| | | SUJANPUR | 13 | 90½ | A town on left bank of the Beas R.; supplies on notice; water good and abundant; small C-G. E. of town; road is merely a mule track, in good order; some of the streams crossed have masonry bridges; 3 m. from Hamirpur, an unbridged stream is crossed, impassable when in flood. |

| AUTHORITIES | | Name of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---------------------------------------|---|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Lahore District, Meera Meer. | Duty Commissioner of Kangra, Dharmasala | BURWANEH (BHOARNA.) | 14 | 10½ | A large village; supplies easily collected; ample good water; small C.G. W. of road; country very hilly and intersected by numerous mountain streams; road is a mere mule track in fair order; the Beas R. is crossed by ferry immediately below Sujanpur, 2 boats available, each carries 100 men, all streams are bridged. |
| | | DADH 150 × 100 yds. | 11 | 115½ | |
| | | LOWER DHARMSALA | 10½ | 126½ | A village; supplies on notice; abundant good water from a hill stream W. of C.G., latter near village on both sides of road; country as in last stage, road unmetalled and fairly level, width 14 to 20 ft., bridged with masonry and passable for all arms. Country as before; road good |
| | | UPPER DHARMSALA | 6½ | 131½ | |
| | | Total marches, 12 = | | | See Route 329 |
| | | 181½ m | | | |

Route No. 610(a).
FROM SIMLA TO DHARMSALA.
via BILASPUR, NADAUN AND JAWALAMUKHI.

| AUTHORITIES | | Name of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|-----------------------------------|------------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Simla District, Umballa. | Duty Commissioner of Simla, Simla. | From the Church to SAIRI | 10½ | 10½ | See Route 331(a). |
| | | KUNLAR | 9 | 19½ | A village, supplies on notice, good water, for a bath, from a stream ½ m. N. of, and (for animals) from a large tank in, village, close to which is small site for C.G., cultivated ground in vicinity is also available for encamping, country mountainous, with cultivation in the valleys; road unmetalled, very hilly, 6 to 10 ft wide, passable for infantry and mountain artillery; two nullahs, fordable except after heavy rain, are crossed <i>en route</i> |
| | | SAHI-KI-HATI 210 × 72 yds | 12 | 31½ | |
| | | BUJUNI 100 × 50 yds | 10 | 41½ | A village, supplies on 10 days' notice; good water for 1,000 men from a stream on S. side of C.G., which is overgrown with bushes, but cultivated land all round could be used for encamping; animals water at a pond 600 yds. distant; country and road as in last stage; cross two streams (sometimes unfordable when in flood) <i>en route</i> . |
| | | BILASPUR | 10½ | 51½ | |
| | | KUMARHATI | 9 | 60½ | Country and road as in previous stage; pass Chulial at 1½, Urthi at 3 and Rampur at 7½ m |
| | | MAIR-KI-HATI | 12 | 72½ | |
| | | HANIPUR | 9½ | 82½ | See Route 610 |
| | | NADAUN | 11½ | 96½ | |
| | | JAWALAMUKHI | 7 | 103½ | Country and road as in previous stage; the Kurur stream is crossed at the 10th mile, sometimes impassable when in flood |
| | | RANITAL | 12 | 115½ | |
| | | KANGRA (BHOWAN) | 11 | 126½ | See Route 329(a) |
| | | LOWER DHARMSALA | 9 | 135½ | |
| | | UPPER DHARMSALA. | 6½ | 140½ | See Route 329 |
| | | Total marches, 14 = | | | |
| | | 181½ m | | | |

Route No. 610(b).
FROM SIMLA TO DHARMSALA.
via KALKA, ANH AND GOPIPUR DEHAL.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|-----------------------------------|----------------------------------|--|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Simla District, Umballa. | Dy. Commr. of Simla, Dharmasala. | From the Church to KHAIRI GHAT | 16½ | 16½ | See Route 331. |
| | | SOLAN | 18½ | 35 | |
| | | DHARMPUR | 12½ | 47½ | |
| | | KALKA | 16 | 63½ | Country undulating and cultivated; road fair, but stony. |
| | | BADI | 12 | 75½ | |
| | | JUGATKHANA | 11 | 86½ | |

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Dr. Commr. of Hoshiarpur, Hoshiarpur. | ABIANA . . . | 8½ | 90 | See Route 609. |
| | | NURPUR . . . | 7½ | 97½ | |
| | | PHULAN . . . | 10½ | 107½ | |
| | | SANTOKGARH . . . | 6½ | 114 | |
| | | UNA . . . | 9½ | 123½ | |
| | | CHARURO . . . | 12 | 135½ | |
| | Dr. Commr. of Kangra, Dharmasala. | AMB . . . | 8 | 143½ | For other remarks, see Route 320(a). Country very hilly and partially cultivated; road, 18 ft. wide, unmetalled, but practicable for wheeled transport; cross a broad and sandy water-channel at 2 m., then commence to ascend, but not steeply. |
| | | BHURWAIN . . . | 12 | 155½ | |
| | | GOPIPUR DEBAH . . . | 11½ | 167 | |
| | | RANITAL . . . | 13 | 180 | |
| | | KANGRA (BHOWAN). . . | 11 | 191 | |
| | | LOWER DHARMSALA . . . | 9 | 200 | |
| | | UPPER DHARMSALA . . . | 5½ | 205½ | |
| | | Total marches, 19 = 205½ m. | | | |

Route No. 610(c).
FROM SIMLA TO DHARMSALA.
 via KOTGARH, DALASH, BAJAURA, AND BALUNATH.

| AUTHORITY. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|-------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Depy. Commissioner of Simla, Simla. | PHAGU . . . | 12 | 12 | See Route 609. |
| | | THEOG p.o. b. . . | 6 | 18 | |
| | | MUTTIANA . . . | 11 | 29 | |
| | | NARKANDA . . . | 11 | 40 | |
| | | KOTGARH (THANADAR) p.o. b. . . | 11 | 51 | |
| | | KUMARSEN . . . | 4 | 55 | |
| | Asst. Commr. in Kulu, Nagra. | DALASH p.o. b. . . | 9½ | 64½ | A small village; supplies on notice; water plentiful and good; encamping ground limited; country and road as before; latter, a mule track, descends for 2 m., then ascends to Kumarasen; there is a short cut from Narkanda to Kumarasen (about 6 m.), but the road is steep and bad. A small village, elevation 6,650 ft.; supplies on notice; water plentiful; small O.G. in compound of b.; road unmetalled, 9 ft. wide, in fair order, gradients 1 in 10 to 1 in 20; the Sutlej is crossed by the Lari bridge. A collection of small villages; supplies, water and coolies plentiful; O.G. in b. compound and fields; road as before, crosses the Kandi Ghai ridge (7,350 ft.); at Kandi Ghai the Jampur-Bishahr road via Nirmand joins the main trade route; the nullahs are bridged. A small village; supplies procurable; water plentiful; O.G. in compound of b., and in fields; road as before, descent for 2 m. to the Arni stream, thence ascent for 4 m., the rest fairly level; 3 streams are crossed, all bridged. A small village on right bank of the Chata R.; supplies scanty; water plentiful and good; O.G. in b. compound and fields; road as before, steady ascent for first 4 m. to top of the Jalori pass (10,720 ft.), then descent for 5 m. to the Chata (6,510 ft.); latter bridged. A village at junction of two streams; supplies procurable; water plentiful and good; O.G. limited; road as before, follows right bank of the Chata R.; at 5 m. Jampur (p.o., telah, thana) is reached; the Tirthan R. is crossed by a wooden bridge, called the Khondan bridge (106 ft. span), at 6 m.; at this point the Jampur-Bishahr road over the Bhalee pass joins in; road then follows right bank of the Tirthan R. which it crosses again at about 8 m.; nullahs are all bridged. A few huts on left bank of the Saini R., elevation 3,100 ft.; firewood and supplies not easily procured; water plentiful; O.G. in b. compound and adjacent fields; road as before; on leaving Manglaor the Bah R. is crossed by a bridge of 90 ft. span, and the left bank of the Tirthan R. is followed for 4½ m. when the road crosses to right bank by another bridge of 90 ft. span. |
| | | KOT . . . | 10 | 81½ | |
| | | JIBHI . . . | 10 | 91½ | |
| | | MANGLAOR . . . | 9 | 100½ | |
| | | LARJI . . . | 7 | 107½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Meen Meer. | Assistant Commissioner in Kulu, Nager. | BAJAURA p-o. b. | 12 | 110½ | A small bazar and old ruined fort; supplies procurable; water plentiful; C-G. in compound of b. and in adjacent fields; road as before; the Salji R. is crossed at ½ m. by wooden bridge (Harji bridge), and the road then ascends to the Kas gorgo and follows the left bank of the Beas R. to Dilauli, 8 m.; here the road crosses to right bank of the river by Dilauli bridge and for the rest of the way is practically level. |
| | | SULTANPUR (KULU) p-o. b. | 9 | 128½ | A small town, with dispository, teahall, and thanna, the chief place in Kulu, situated 200 ft. above right bank of the Beas, elevation 4,100 ft.; supplies procurable; water good and plentiful; a large plain suitable for C-G. in front of b.; road as in previous stages, practically level for first 6 m., runs along the right bank of the Beas, crossing the Kandil stream on leaving Bajora and the Mahal stream at 5½ m., both bridged. |
| | | KARAON b. | 8½ | 136½ | A small village; supplies and coolies on notice; water plentiful and good; C-G. of limited extent in compound of b. and on adjacent hill slopes; the road, which is good for riding the whole way, leaves the Beas at Sultanpur and ascends gradually to Karan. |
| | | BADWANI b. | 10½ | 146½ | A small village; supplies and coolies on notice; water plentiful; C-G. of very limited extent and only in compound of b.; road, good for riding, ascends by zigzags for 4 m. to the top of the Babu pass (10,000 ft.) and then descends in the same manner to Badwani. The Babu pass, which is usually closed from December to March, is the boundary between the British and Mandi territories. |
| | | JATINGRI b. | 12½ | 159½ | A small village; supplies and coolies on notice; water scarce and procured from some distance; C-G. practically unlimited on crest of hill on which b. is situated; road, good for riding, ascends very gradually on leaving Badwani for about 1½ m., then descends for 6 m. to the U. T. which is crossed by a wooden bridge; the remainder of the march is a steady ascent. |
| | Deputy Commissioner of Kangra Division. | DHELU b. | 11½ | 170½ | A dhak bungalow and matal on the spur of a hill about 200 ft. above the valley; supplies and coolies on notice; water plentiful; C-G. in compound of b. and around b.; road good, descends nearly all the way; at 4 m. the village and salt mines of Guma are passed and at 8 m., Haribag (b.). Sakrote village, about ½ m. from b., also offers good C-G. with plentiful water and supplies. |
| | | BAIJNATH 24,714 sq. yds. p-o. b. | 10½ | 180½ | A good-sized place, famous for its old temples, situated on right bank of the Binnu R., elevation 3,337 ft.; supplies and coolies on notice; water good and abundant; spacious C-G. to E. of the bazar; country a valley, partially cultivated; road unmetalled, in good order, crosses several ravines which offer no difficulty except after heavy rain; Chabutra is passed at 2 and Sukabagh at about 5 m.; at end of march crosses a spur from a range of hills on which are the ruins of 2 forts; this spur divides the Mandi territory from Kangra. |
| | | PALAMPUR 287 × 83 yds. p-o. t-s. b. | 9 | 189½ | The head-quarters of the tea interests in the Kangra valley, elevation 4,400 ft.; supplies and coolies procurable; water plentiful from springs and streams; site for C-G. W. of road, latter very good, but not fit for driving; crosses the Binnu R., by a wooden bridge, soon after leaving Baijnath, passes through Piprola and passes the Narsana and Helia tea-gardens at about 8 m.; from Palampur a cart-road leads to Jullunder via Kangra and Amritsar, passing near Kangra. |
| | | DADH | 9 | 198½ | See Route 610. |
| | | LOWER DHARM-SALA. | 10½ | 209½ | Country and road as in last stage. |
| | | UPPER DHARM-SALA. | 5½ | 214½ | For other remarks, see Route 610. |
| | | | | | See Route 820. |
| | | Total marches, 23 = | | | |
| | | 214½ m. | | | |

Route No. 611.
FROM SIMLA TO JANGI.
via NARKANDA, SERAHAN, AND URNI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|---------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Superintendent of Hill States, Simla. | PHAGU | 12 | 12 | See Route 600. See Route 610(c). |
| | | THEOG | 6 | 18 | |
| | | MUTTIANA | 11 | 29 | |
| | | NARKANDA | 11 | 40 | |
| | | KOTGARH (CHANADAR). | 11 | 51 | From Narkanda the Upper Link or Bridge's forest road to Deo (8 m. from Serahan) branches off. For a description of this road, see end of this route. |
| | | NIRTH b. | 10 | 61 | |
| | | RAMPUR b. | 12½ | 73½ | A small village near the Sutlej; few supplies; water from the river; ample space for a large camp in fields; country mountains; road unmetalled, 6 to 8 ft. wide, descending by easy gradient to the Sutlej, passable for mountain artillery; cross the Bern stream by a wooden bridge 2 m. before reaching Nirth. |
| | | GAORA 200 × 100 yds. b. | 7 | 80½ | A town, the capital of Bishahr, on left bank of the Sutlej; supplies and water plentiful; there is a small space for an encampment near the Rajah's palace and also a larger space ½ m. E. of b.; country as above; road as in last stage, following the left bank of the Sutlej; cross the Mucham stream at 2, by wooden bridge, and the Negli stream at 8 m. by temporary bridge, removed during rains. (NOTE.—The Sutlej is crossed at Rampur by a rope bridge to Jagutkhani in Kulu, whence a track runs to the Baselo pass to Manglaor.) |

A village; supplies procurable from Dhar, 1½ m. N-E. of village; water plentiful; site for C-G. in fields on side of hill; country as above; road as before, ascends sharply for 6½ out of the 7 m. to the b. at Gaora.

| AUTHORITY. | | Name of stage and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. Srinah District, Umballa. Superintendent of Hill States, Simla. | | SERAHAN . . . b. | 10½ | 01 | A village; supplies on notice; water abundant; O-G. in fields in vicinity; road ascends for 2½ m. to Bhikradhar and then descends for 8 m. to Manglad bridge (4,844 ft.). There is then a rise of 2,356 ft. in 2 m. to Deo at 8th m. at which point Briggs or the Upper Link forest road joins in; for next 8 m. there is a slight fall to Serahan b. |
| | | TARANDA . . . 100 x 50 yds. b. | 14 | 105 | A village close to left bank of the Sutlej; supplies scanty; water plentiful; space for small encampment at top of hill near b.; road fairly level to the Mailla cliff, it then follows the native track up and down for 3 m. and descends to the Kandit nullah at 8 m.; the Chandra nullah is crossed at 12 m. and the road ascends thence to Taranda b. |
| | | NACHAR . . . b. | 9 | 114 | A village close to left bank of the Sutlej; supplies scarce; water plentiful; road descends sharply to the Boldangh nullah (6,810 ft.) at 8 m. and ascends from this onwards; there is an inspection b. at Paunda, 4 m.; the Sangra deodar forest begins at 8 m. The coarse grass which grows near Nachar b. is poisonous for animals. |
| | | URNI . . . 150 x 100 yds. b. | 12½ | 126½ | A village about 1 m. from right bank of the Sutlej, elevation 7,835 ft.; supplies scanty; water plentiful; small O-G. 4 m. W. of b.; road descends sharply for 8 m. to Wangtu bridge near which there is an inspection b.; at Wangtu the road from Mussoorie via the Shatol or the Borenda pass joins in, and crossing the Sutlej R. by this bridge, continues via the Blabeh pass into Spiti; from Wangtu the Hindustan-Tibet road follows the right bank of the Sutlej; a long timber gallery outrigger from the rock carries the road through the gorge and the track continues to Chagaon, whence the ascent is by signposts to Urni b. At Wangtu a road from Landour and Mussoorie joins in, by which the following marches are made:— |
| | | | | | Miles. MUDARU . . . 13 TROINA . . . 8 POKER (b) . . . 14 DROBANO (b) . . . 13 BANDRAOLI . . . 13 KANDA . . . 11 JITAL . . . 10 SHALTA . . . 8 HAKOTI . . . 11 |
| | | | | | Water plentiful; ample space for encampment; road good, 6 ft. wide, easy march. |
| | | | | | 8 A small town in the Fabar valley, water plentiful; space for encampment; road as above. |
| | | | | | 10 Water plentiful; ample room for encampment; path 2 to 8 ft. wide, practicable for mules but difficult; a path hence runs N. to Wangtu over the Shatol pass; 4 marches. |
| | | | | | 9 Water plentiful; room to encamp; a footpath only, steep ascent. |
| | | | | | 8 Water plentiful; room for camp; track as before; last village below snow. |
| | | | | | 10 No village; water plentiful; road as before. |
| | | | | | 9 No village; water and road as above; crosses the Borenda pass (78,400 ft.). |
| | | | | | 10 No village; water and road as above; pass Sapul village at 7th m. |
| | | | | | 12 Cross Sutlej at 4 m. by a bridge; a short distance beyond this point the Hindustan-Tibet road is reached, which follows the river for 6 m., re-crossing it at Wangtu. |
| | | | | | TOTAL . . . 177 |
| | | ROGI . . . b. | 10½ | 187 | A village, elevation 9,508 ft.; supplies scarce; water plentiful; road crosses the Yala stream at 2 m. and for the most part ascends to the Messung cliffs (9,780 ft.) at 9 m., passing the Kashit cliffs in the 6th and Konang forest in the 7th m.; for the last 2 m. the road descends. |
| | | PANGI . . . b. | 10 | 147 | A village about 1 m. from the right bank of the Sutlej, elevation 9,168 ft.; supplies obtainable; water plentiful; the road is carried along the Kithang, Kosi, and Chini cliffs to Chini at 3 m. (here are the ruins of the house built for Lord Dalhousie in 1851 and also the grave of Brevet-Captain Apperley, R.H.A., who died at this place on 1st July 1845). There is a descent to the Malgun stream (8,711 ft.) at 8½ m., whence road ascends to Pangi b. |
| | | BAJRANG . . . | 8 | 165 | A village on right bank of the Sutlej, elevation 9,322 ft.; supplies scarce; water plentiful; road ascends for 1 m. to the Kashang cliffs and then descends for 2 m. to the Kashang nullah (8,183 ft.); it rises again to the Gunchang cliffs (9,500 ft.) at 5 m. |
| | | JANGI . . . | 7 | 163 | A village on right bank of the Sutlej, elevation 9,242 ft.; supplies scarce; water plentiful. The road is level to the P. W. D. godown at Jangi at 7 m. The road ends at 4 m. beyond Jangi and then the track descends to the Lipi stream at 7 m. from Jangi; there is a gradual rise thence to Kanam at 14 m. from Jangi. There remain 4½ marches to be made to Shipki on the left bank of the Sutlej. |
| | | Total marches, 10 = 182 m. | | | |
| UPPER LINK OR BRIGGS' FOREST ROAD. | | | | | |
| This road is maintained as a forest road only; it is possible for laden mules with care; the track in places is only 4 ft. wide and all bridges have to be crossed with caution. The stages are as under— | | | | | |
| Markanda to Bagt, 10 m. Supplies procurable at Bagt; water from a small stream below b.; room for a scattered camp on gentle slopes; road, 6 to 7 ft. wide, fairly level with exception of a portion in 6th m., leaves Hindustan-Tibet road at 4th m. is kept up to the Bishhar state. | | | | | |
| Bagt to Kandula, 8 m. Supplies but few; scanty water-supply, 500 yds. E. of b.; water for mules 2 m. this side of Kandula; large O-G. available in Helds W. of b.; road as above; several small nullahs are crossed over which are rough ten-porary bridges. | | | | | |
| Kandula to Sungru, 10 m. A few supplies at Sungru; scanty water-supply 500 yds. N.E. of b.; space for large O-G. in fields; road on a uniform grade, contrived in ten places; road from Mussoorie up the Sikri valley joins in near Sungru village. | | | | | |
| Sungru to Bahli, 12 m. A few supplies; water from spring near b. and (for animals) from a pond on ridge below b.; ample ground for encampment; road outriggered in ten places; Demakhad bridge is crossed; descent for half the way, then slight ascent to b. at Bahli. | | | | | |
| Bahli to Taliech, 11 m. No supplies; good and plentiful water; ample room for encampment in fields; road kept up as a forest path only; it follows N. face of mountain to Battu at 6th m., then steep descent into Negli valley for 5 m. to Taliech b. | | | | | |
| Taliech to Darun, 12 m. Supplies but few; at Darun village there is a good water-supply and room for a large camp; road, 6 to 7 ft. wide, not kept up throughout and some landfalls have occurred. It descends for 2½ m. to Negli bridge (4,290 ft.), thence the ascent is steep and difficult up a tributary nullah for nearly 10 m. to Darun b. There is but a scanty water-supply and not much room for encampment in the vicinity of the b. | | | | | |
| Darun to Serahan, 13 m. Road descends for first 2½ m. a bridge (7,450 ft.) across Darun nullah; there is a further descent to the Manglad R. (6,800 ft.) at 7th m. and within 95 ft. in flood; thence a steep ascent. The track follows the stream, and 10th m. comes out at Deo near the 57th milestone of the Hindustan-Tibet road, and within 3 m. of Serahan. | | | | | |

Route No. 612.
FROM SIMLA TO KASAUJI.
via THE NEW ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|-----------------------------------|--|-----------|--------|--|
| Military. | Civ. H. | | Miles. | Total. | |
| G. O. C. Strain District, Umballa. | Dy. Commr. of Simla, Simla. | From the Camp to— | | | } See Route 831. |
| | | KHAIRI GHAT . . . | 18½ | 18½ | |
| | | SOLAN . . . | 13½ | 32 | |
| | | DHAREMPUR . . . | 12½ | 44½ | |
| | | KASAUJI . . . | 7 | 51½ | |
| | | Total marches, 4 = 51½ m. | | | See Route 378. Country mountainous; road good and practicable for carts; leave the Simla-Kalka road a short distance on the Solan side of Dharmpur, and ascend gradually by easy gradients to Kasauli; the road passes immediately under Sannar (p-o), where the Lawrence Asylum is situated. |

Route No. 613.
FROM SIMLA TO LEH.
via KOTGARH, SULTANPUR, AND LINGTI SAROHU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Dy. Commr. of Simla, Simla. | PHAGU . . . | 12 | 12 | See Route 608. |
| | | THEOG . . . | 6 | 18 | |
| | | MUTTIANA . . . | 11 | 29 | |
| | | NARKANDA . . . | 11 | 40 | See Route 610(o). |
| | | KOTGARH (THANADAB). . . | 11 | 51 | |
| | | KUMARSEN . . . | 4 | 55 | |
| | | DALASH . . . | 9½ | 64½ | |
| | | CHAWAI . . . | 7 | 71½ | |
| | | KOT . . . | 10 | 81½ | |
| | | JIBHI . . . | 10 | 91½ | |
| G. O. C. Lahore District, Messen Meer. | Assistant Commissioner in Kulu, N. par. | MANGLAOR . . . | 9 | 100½ | |
| | | LARJI . . . | 7 | 107½ | |
| | | BAJAURA . . . | 12 | 119½ | |
| | | SULTANPUR (KULU). . . | 9 | 128½ | |
| | | KATRAIN b. . . | 12 | 140½ | 1 halting-place, on the Beas R. and opposite the village of Nagar, elevation 5,500 ft.; supplies procurable; good water plentiful; C.G. small; streams bridged; road, 9 ft wide, unmetalled, but fairly good; cross the Sirbani on starting, by a wooden bridge, then pass round and below the hill on which Sultanpur stands, and follow the Beas R. all the way. |
| | | VANAULI p-o b. . . | 11½ | 152 | 1 halting-place, on the Manauli stream, elevation 6,200 ft.; supplies procurable; water plentiful; C-G small; road as above, but almost level; pass Rampur at about 6 m. |
| | | BAHLA b. . . | 8½ | 160½ | 1 halting-place, elevation 8,000 ft.; supplies on notice; water plentiful; C-G small; road as before, through a well-wooded country; cross to left bank of the Beas (bridged) on starting and pass under the village of Dabhat, then the road rises, passes the junction of the Sarahi and the Beas and crosses the river (bridged) near Koli at about 6 m.; there is then a steep zigzag ascent; cross again to the left bank near end of stage, by a bridge, then a gradual ascent to Bahla. |
| | | KOKSAR b. . . | 9 | 169½ | 1 village, elevation 10,400 ft., few supplies; fuel scarce; good water plentiful; C-G near b; road unmetalled and very steep; cross the Rotang pass (18,000 ft high) during last half of stage, and the Chandra R. (bridged) shortly afterwards. By crossing by the new bridge at old Koksar, some 8 m. will be saved. |
| | | SISU . . . | 12 | 181½ | 1 village, near the Chandra R., elevation 9,888 ft.; supplies procurable; good water plentiful; level fields suitable for C-G.; road 6 to 8 ft. wide and nearly level, follows the right bank of the Chandra; nullahs bridged. |
| | | GANDLA b. . . | 8 | 189½ | 1 village, the residence of the Thakur of Lahoul, elevation 10,300 ft.; few supplies; fuel scarce; good water plentiful; fields suitable for C-G.; road as above, but steep in places, continuing along right bank of the Chandra, ascends for about 4 m., then descends to camp. |
| | | KAILANG p-o b. . . | 11 | 200½ | 1 large village, with meteorological observatory, the capital of Lahoul, elevation 10,400 ft; supplies procurable; good water plentiful; C-G. in fields; road as above, ascending and descending alternately; streams bridged. A Moravian mission here. |

| AUTHORITIES. | Name of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|-----------|--------|--|
| | | Miles. | Total. | |
| G. O. C. Labaree District, Keesa Rear. | Asst. Com. Commissioner in Kashmir, Srinagar. | 10 | 210½ | A village, elevation 10,500 ft.; firewood, grass, and milk obtainable; other supplies must be carried from Kailang; good water plentiful; road unmetalled and hilly, running along right bank of the Bhaga, gradients in places very steep; nullahs bridged. When the new road from Kailang to Darcha, Sumdo, is impracticable, the old road, closer to the river (in places nicked out of the steep cliff), is used; this is very steep and bad in places, and difficult for laden animals. |
| | | | 217½ | Two small villages, one on each side of the Bhaga, elevation 10,650 ft.; supplies must be carried from Kailang; water plentiful; small side for C-G. near Sumdo; road as in last stage, but fairly level; keep to the right bank of the Bhaga and cross the Kado Tolpo ravine (bridged) near end of stage. |
| | | 11½ | 229 | A halting-place on left bank of the Bhaga, elevation 13,000 ft.; no supplies; good water plentiful; small site for C-G.; road as before, follows right bank of the Bhaga to Pateco bridge over the river, then crosses to left bank; nullahs bridged. |
| | | 12½ | 241½ | A halting-place on left bank of the Yunnan R., elevation 15,190 ft.; no supplies; water plentiful; suitable site for C-G. near river; the ascent of the Baralscha begins; track follows left bank, and then crosses to the right bank at 1½ m.; pass Suraj Dal (a pretty lake) at 3½, the open crest of the Baralscha (16,000 ft. high) at 4½ m., where a track leads S. down the Chanda valley to Spiti; the track to Leh goes N-E. The pass is closed to laden mules for eight months, and lower down the track passes over the debris of mountains which have been split up into fragments by great changes of temperature. |
| | | 9½ | 251 | A halting-place, elevation 13,950 ft.; no supplies; water plentiful; site for C-G. on right bank of the Sarobu; the track crosses the Yunnan (bridge strong enough for laden animals) in front of the camp to the right bank, and there is a gentle descent across a plain to the Phalangdanda or Boundary Rock at 5½ m.; the track continues across the plain to the Sarobu, which is crossed at end of stage. About 8 m. from Killing the track passes round the base of a 'fan' of huge blocks of disintegrated debris at the water-level and is sometimes submerged for about ¼ m., making it very difficult. For this reason this point should be passed early in the day before the glacier water comes down to swell the torrent. |
| | | 18½ | 264½ | A halting-place, elevation 13,600 ft.; no supplies; water procurable; the track to Leh follows the right bank of the Tsarup R. northwards for 6½ m. to the C-G. at Ohargot Jukta, under a high cliff. The ordinary route is along the foot of the hills up the Tsarup nullah to the E., then crossing by a ford (current sometimes very strong) about 600 yds. up stream from the junction of the Tsarup and Lingti, to the right bank, and so to the boundary pillar (128th mile from Sultampur) between Lehoul and Ladak, in all 7 m., at 18,845 ft. above mean sea-level. But, if the direct route by the ford is practicable, the distance is only 3 m.; the route up the Tsarup nullah southwards for Teho Morari is rough and difficult; no supplies. |
| | | 8 | 272½ | A halting-place, elevation 15,523 ft.; water procurable, but no supplies or fuel; the track turns directly to the E., and rises 1,500 ft. to a saddle overlooking a valley on which a trial line was once cut; the track then turns N. for 5 m., and descends into a valley to the C-G. at Sumdo at the foot of the Lachalang; road very bad and stony; in places little more than a rocky staircase; sharp ups and downs; this march may be considered the most fatiguing on the whole route. |
| | | 17½ | 290½ | A halting-place, elevation 15,274 ft.; no supplies; water scarce; the ascent of the Lachalang is easy, rising 1,100 ft. in 1 m. from Sumdo; the crest is open; snow was falling on 13th September 1892; the pass, it was said, might have become impassable within two nights, and usually all traffic is stopped for eight months in the year; the descent is easy for 7 m. to the Kanchezhal gorge; here are some sugar-loaf-shaped hills of great height, and masses have fallen blocking the ravine down which the track is carried by steep zigzags, the water feeding its way below the splintered debris. The country opens somewhat, and follows the left bank of the stream to near the junction of three rivers; at this point between the Tomy and Somkheyl nullahs is the Somkheyl C-G., a small stony plateau. The Tomy stream is crossed, and then the Frize, whence a steep ascent (the Bong La pass) brings the traveller to the edge of the Kiangochu plain; a level course for 4 m. over grass leads to the Kiangochu C-G. |
| | | 14½ | 304½ | A halting-place, elevation 15,374 ft.; water obtainable, but no supplies or fuel; the track continues over grass and somewhat heavy sand; at Morochu (5 m.) the lake was dry and deep in sand; the route is still over grass for 6 m., when the track turns westwards up a ravine to the C-G.; opposite Mukchen, and to the E. at a distance of about 4 m., over the range of hills, is Temk Chamo or Salt Lake; the lake is covered with wild fowl, chiefly Brahmany ducks; the water is very bitter; the road to Fuga borax and sulphur mines passes by the S. of the Salt Lake. |
| | | 12 | 316½ | A halting-place, elevation 15,776 ft.; a few thorn bushes as fuel; water scarce; the route is easy and level for 1½ m. to Debring C-G. |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | 16½ | 233½ | The ascent to Taklang crest is easy, rising 1,500 ft. in 2 m.; the descent is also easy, and falls for about 4,000 ft. in 13 m. to Gya; cultivation is again seen; there are a few houses and a monastery; the C-G. is to the E. of the Lama's house; this is the first village met with since Sumdo in Lahoul, over a distance of 112 m.; any difficulty could be quite overcome by arranging with Kashmir to send out supplies of flour, ghee, salt, firewood, and fodder from Gya southwards for five stages and by carrying the same quantity forward from Sumdo; elevation 13,166 ft. |
| | | 16½ | 349 | The road follows the left bank of the Gya R., passing Mira half-way, and reaches Upshi Sarai on the left bank of the Indus after a fall of 1,760 ft.; considerable cultivation, poplars, willows, and fruit trees; elevation 11,595 ft. |

NOTE.—The Rupahu or Rukhu valleys are 14,000 to 15,000 ft., climate severe; air dry and much rarified; scanty herbage, and the hillsides are covered with a thorn bush in patches; population about 500 souls within an area of 4,000 sq. m.; people live in tents, and act as carriers, using their flocks of sheep and goats and herds of yaks as beasts of burden.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | MARSAHING | 8½ | 357½ | The Indus at Upshi in September is about 50 ft. wide, flowing swiftly among large boulders and quite unfordable; it is frozen over in November; the road to Marsabing follows the left bank; at 5 m. from Upshi is the Egu bridge across the Indus with two unequal spans of 20 and 63 ft., leading up the Ohionray valley into Tankoo and Changchenmo; at Praraslang there is much cultivation; instead of halting at Marsabing it is better to go a mile or 2 further, and camp at the Himis monastery in a ravine to the W.; elevation 11,600 ft. |
| | | GOLAB BAGH | 11½ | 369½ | The road follows the left bank of the Indus; Chang is passed, and then the monastery at Tankoo comes into view; cultivation is more extended as one enters the Shushot Kardari; the halting-place is in the Golab Bagh, where there is a sarai and rest-house; people very friendly; population partly Buddhist; the locality is occupied during the season as a grazing ground for Yarkandi traders; elevation 10,745 ft. |
| | | LEH | 9 | 378½ | The capital of Ladak, with a fine bazaar, sarais, a fort, a palace, and a residency, elevation 11,632 ft.; the Moravian mission also have a settlement here; supplies and good water procurable; the route runs N-W., and still follows the left bank, winding through gardens and demarcated fields which are irrigated by many small channels; the breadth of the valley of the Indus here is about 20 m., rising from a general level of 10,600 ft. at the river to about 20,000 ft. at the crest of the mountain ranges; at Chaglamari, there is a bridge, 76 ft. span, across the Indus, and the route turns northward; from the river it is about 4 m. into Leh, the road passing over a stony and sandy plain. |
| | | Total marches, 86 = 378½ m. | | | |
| | | | | | |

Route No. 613(a).
FROM SIMLA TO LEH.
via THE HINDUSTAN-TIBET ROAD

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--------------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Deputy Commissioner of Simla, Simla. | PHAGU | 19 | 12 | See Route 608. |
| | | THEOG | 8 | 18 | |
| | | MUTTIANA | 11 | 29 | |
| | | NARKANDA | 11 | 40 | See Route 610(c). |
| | | KOTGARH (THANADAR) | 11 | 51 | |
| | | NIRTH | 10 | 61 | |
| | | RAMPUR | 12½ | 73½ | |
| | | GAORA | 7 | 80½ | |
| | | SERAHAN | 10½ | 91 | |
| | | TARANDA | 14 | 105 | See Route 611. |
| | | NACHAR | 9 | 114 | |
| | | URNI | 12½ | 126½ | |
| | | ROGI | 10½ | 137 | |
| | | | | | NOTE—As there is some doubt about the existence of the route described below, from Ohini <i>via</i> Gaisara to Sangnam, the route from Rogi to Jangri (see No. 611) and thence <i>via</i> Kanam to Sangnam might perhaps be adopted. |
| Bihahr Territory. | Deputy Commissioner of Simla, Simla. | OHINI | 3 | 140 | A small village with a Government building for the accommodation of travellers; supplies scarce; water plentiful; heavy cliffs in second mile. |
| | | GAIANRA | 12½ | 152½ | Supplies from Harang, situated 2 or 3 m. below, on right bank of the Sotlej; water and fuel plentiful; alto for encamping good; scenery grand; road tolerably level for 4 m. when it descends to the bed of a torrent, and ascends to Pangri, passed at 6 m.; coolies are changed at this village. |
| | | TUBBI | 11½ | 164½ | Supplies and coolies from Kanam, a village near the Sotlej; water procurable; the aspect of the country changes about here; in place of steep crags and precipitous rocks, the slopes of the mountains are much more gradual, and the tops rounded; road rather difficult; a stiff ascent to the crest of the Worang pass (12,400 ft.) then a descent to the Taito, crossed at Lipi at 6 m.; remainder of march a gradual ascent; elevation 11,220 ft. |
| | | SANGNAM | 9½ | 174½ | A very populous place, celebrated for blankets, elevation 9,020 ft.; supplies and water procurable; coolies, chiefly women, very scarce; road ascends gradually for 4 m. to the crest of the Huanang pass (elevation 13,400 ft.); last 4 m. very steep, then descends rapidly to Tuling, passed at 8½ m.; the Runkalong (bridged) is crossed towards end of stage. |
| | | HANGO | 12 | 186½ | A small village, elevation 11,500 ft.; supplies and coolies scarce; water plentiful; road crosses a torrent 6 or 8 times while reaching the crest of the Hangrang pass (elevation 14,710 ft.); a long gradual ascent, with an easy descent over snow to Hango; good Chikars are shooting in neighbourhood. |
| Assistant Commissioner in Kulu, Nogar. | Deputy Commissioner of Simla, Simla. | LEO | 8 | 194½ | A village, prettily situated on right bank of the Spiti R., surrounded by cultivation and fruit trees; elevation 9,400 ft.; supplies and coolies procurable; water plentiful; road first traverses fields to a stream, crossed by a bridge, then is tolerably level, until near Leo, where there is a steep zigzag. |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Bilash Territory. | Assistant Commissioners in Kulu, Nagar. | NAKO . . . | 8 | 200½ | A small village, situated at a little distance from the left bank of the Spiti; elevation 11,975 ft.; supplies scarce; coolies few, yaks and ponies being chiefly furnished; water plentiful; road tolerably level along the bank of the Spiti, with a steep ascent to Nako. |
| | | CHANGO . . . | 8 | 208½ | A large village on left bank of the Spiti, surrounded by cultivation; supplies and coolies procurable; water plentiful; road tolerably level. |
| | | SOMRA . . . | 13½ | 222½ | A village on right bank of the Spiti; road fair, running up the left bank for 4 m., then crossing the river by a bridge 97 ft. long and 27 ft. above the stream; on the right bank, 400 ft. above the river, stands Shalkar, a fort near northern boundary of Kinnawar; houses are built against the walls inside, inhabited by Tartars and a few Lama monks (elevation 10,273 ft.); thence the road ascends to the crest of the Lapcha pass (elevation 13,638 ft.), 8½ m., and descends for 3¼ m. to the Spiti (bridged). |
| | | THABO . . . | 8½ | 230½ | A few houses; supplies and coolies very scarce; water procurable; road tolerably good, crossing the Spiti (bridged) under Somra, and passing Lari at 5 m. At Thabo there is a monastery, with a large collection of manuscripts. |
| | | POKH . . . | 6½ | 236½ | A village; supplies, coolies, and yaks procurable; water plentiful; road undulating and stony; a steep ascent and descent at end of stage. From Chango there is another route to Pokh, keeping more towards the E., and making the following stages:— Changzang 10 m. Shangar 7 Huling 12 Lari 10 Pokh 9½ If this route is adopted, coolies must be taken from Chango to Pokh, as none are procurable on the road. |
| | | DANKAR . . . | 8½ | 245½ | A large village, with a fort and monastery, situated on a rocky spur, high above the Spiti, elevation 12,774 ft.; supplies and coolies procurable; water plentiful; road up the bed of the river for 2½ m., when it ascends and passes over undulating ground. |
| | | KAJA . . . | 16½ | 261½ | A small village, surrounded by cultivation; supplies and coolies procurable; water plentiful; road undulating, and in places stony, running up the Spiti valley; crosses the Lingti (bridged) near its junction with the Spiti at 5, pass Lithong at 8, and Lam at 9½ m.; this is a good neighbourhood for Spiti ponies. |
| | | KIWAR . . . | 19 | 278½ | A large village, surrounded by cultivation; elevation 13,400 ft.; supplies and coolies procurable; water plentiful; road at first as in last march, running up the Spiti valley; pass the monastery of Ki, a most extraordinary looking place, perched on the top of a hill, at 6½ m., and about a mile further on, leave the valley and ascend steadily to Kiwar from which place supplies and coolies must be taken for 6 days. |
| | | JUGTHA . . . | 12 | 286½ | No village; road descends into a deep ravine, then ascends to a level plain; another descent towards end of the stage; elevation 16,000 ft. |
| | | DUTUNG . . . | 10 | 295½ | Encamping ground clear of snow in June; water and fuel procurable; road ascends steeply for 5 m. to the crest of the Parung La (elevation 18,500 ft.); very abrupt and fatiguing towards the top. |
| | | UMDUNG . . . | 16½ | 312 | Road tolerably good along the Parung river (fordable); several convenient spots are passed where a halt can be made. |
| | | KHORNZU . . . | 21½ | 333½ | A small house belonging to the Wazir of Rupshu, elevation 15,200 ft.; road crosses the Parung (fordable) at Nurebu (a good halting-place) at 1½ m., then turns up W. and crosses a marshy valley, which after 3 or 4 m. is left for higher ground, and at 10½ m. it reaches the Chumori lake, and continues for the remainder of the march along its W. bank. The lake is about 18 m. long and 3 m. wide; water brackish, no fish in it; the hills on both sides are bare. |
| | | JUMUSHI SA . . | 14½ | 347½ | Water procurable; road very fair, continuing along the W. bank for some distance. |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | SHENLDUT . . . | 18½ | 361½ | A few huts in ruins; road tolerably good; yaks are used here in place of coolies. |
| | | KINMA . . . | 7½ | 369½ | A village; encamp on the right bank of the Indus (fordable) 1 m. above Kinma; in July the river is about 4 ft. deep. |
| | | KHERE . . . | 12 | 381½ | A small village on the left bank of the Indus; encamp on the right bank; road tolerably good, running by the river side. |
| | | KYUNGYAM . . . | 12½ | 394½ | A few houses; road good, over undulating ground. |
| | | LIKCHE . . . | 11½ | 406½ | A few houses; supplies rather more plentiful; road less undulating; pass Himya at 6½, cross a stream at 6½, and again partly by bridge and partly by ford at 7½ and pass Terahit at 8½ m. |
| | | YUGU . . . | 17 | 423½ | A village of forty houses; encamp at some little distance from it; road as in last march; pass Sharnus at 7½, and Upshi at 12 m. |
| | | SHEH . . . | 14½ | 437½ | A large village in a well cultivated plain irrigated by canals; road generally good; pass Tughna at 9½, and Tikra at 12½ m. |
| | | LEH . . . | 7½ | 444½ | See Route 618. Road fair, sandy, and gravelly in places. |
| | | Total marches, 40 = 444½ m. | | | |

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Spiti District, Umballa. | Superintendent of Hill States, Simla. | PHAGU . . . | 12 | 12 | See Route 606. |
| | | THEOG . . . | 6 | 18 | |
| | | MUTIANA . . . | 11 | 29 | |
| | | NARKANDA . . . | 11 | 40 | See Route 610(a). |
| | | KOTGAH (THANADAR) | 11 | 51 | |
| | | NIRTH . . . | 10 | 61 | |
| | | RAMPUR . . . | 12½ | 73½ | |
| | | GAORA . . . | 7 | 80½ | |
| | | SERAHAN . . . | 10½ | 91 | See Route 611. |
| | | TARANDA . . . | 14 | 105 | |
| | | NAOHAR . . . | 9 | 114 | |
| | | YANGPA . . . | 15 | 129 | A village at the head of the Bhaboh valley; supplies scarce, sufficient should be brought from Serahan for 8 days; country mountainous; cross the Butle (bridged) at Wangtsa at 3 m.; the river here is 90 ft. broad, right bank very steep; road then zigzags up a very steep hill and passes Beal and Ketsgon. Tartars bring ponies along this road, but between the Butle and Yangpa it is rocky and in many places too narrow for laden ponies. |
| | | MOLING . . . | 6 | 135 | No village; grass, fuel, and water abundant; country as above; road tolerably good and fit for laden ponies, winding through fir forests. |
| | | PTIASA . . . | 4 | 139 | A halting-place at the foot of the Bhaboh pass; fuel and supplies must be collected; water good and plentiful; country and road as above. |
| | | LURSA (PALDAR). . . | 18 | 157 | A halting-place; no supplies; good water from a neighbouring stream; small site for C-G. near road, country mountainous with but little cultivation; road a rough pony track; commence the ascent of the Bhaboh pass on leaving Lursa, at first tolerably easy, but near the summit road is very steep; up to May the road is covered with ice. |
| G. O. C. Lahore District, Meerut User. | Assistant Commissioner in Kulu, Nagay. | MUTH . . . | 11 | 168 | A small village; supplies scarce; the only fuel obtainable is heather; plentiful good water from a neighbouring stream; very little level space suitable for C-G.; road, a rough unbridged path, passable for laden Spiti ponies, but not for mules; the Pin R., a large mountain torrent, is crossed here. |
| | | SANAM . . . | 9 | 172 | A small village; supplies very scarce; plentiful good water from a neighbouring stream; sufficient space for a small camp close to village; road as in last stage; a few small hill torrents are crossed en route. |
| | | LIDANG . . . | 16 | 188 | A village; supplies and wood very scarce; water plentiful, but of doubtful quality, from a neighbouring stream; limited site for C-G. on ground under cultivation; country and road as above; pass Guling at 4 m., between Sanam and Guling a large torrent has to be crossed, fordable except when in flood when it can be crossed by a rope bridge higher up, but it is often unserviceable; between Guling and Lidang the Spiti (fordable but dangerous) is crossed; sometimes there is a rope bridge, but this is apt to be carried away. |
| | | KAJA . . . | 6 | 194 | Country and road as above; several small hill torrents are crossed en route. |
| | | KIWAR . . . | 12 | 206 | See Route 613(a). |
| | | KIOTO . . . | 13 | 219 | A small village; supplies scarce; limited good water from a spring flowing out of a cliff; a plain beyond village suitable for C-G.; road as above; about 4 m. from Kiwar it descends 500 ft. to bed of a torrent, which is crossed by a small foot bridge, which is liable to be carried away, the torrent is then impassable; thence road is good, but narrow up to 5 m. from Kioto where it bifurcates, one path descends 800 ft. to the Spiti R. which is unbridged, but easy to cross; the path then ascends again; the other path leads upwards and the Spiti is crossed by a rock which has fallen across it, path down to torrent is steep and slippery, only passable for foot-passengers. |
| | | LOSAR . . . | 10 | 229 | A small village; few supplies procurable; plentiful good water from a spring and stream close by; little room for encamping; road as above, but good and fairly level, 3 small unbridged torrents are crossed, but they are not dangerous; opposite Losar cross the Spiti by ford, but it is often impassable, especially after 10 A.M. |
| | | KAROKA . . . | 14 | 243 | A small village; no supplies; plentiful good water from a neighbouring stream; road rough and very narrow; cross 2 torrents, neither dangerous, en route, cross the Kanjam pass (14,000 ft.) at 10 m., thence road descends rapidly to the Ohandri R., opposite Karoka a torrent is crossed which is dangerous to ford after 10 A.M. |
| | | PUTI RUNI . . . | 9 | 252 | A halting-place; no supplies; abundant good water from a neighbouring stream; road rough, but good for first 4 m., then for 3 m. through the Sigrir glacier ravine, there is no path here and the way has to be found between large boulders; route is very difficult and impassable for mules, a dangerous torrent is crossed at Puti Runi, by a foot bridge, put up as occasion requires by men from Jaggatenkh in Kulu. |
| | | OHHATRU . . . | 10 | 262 | A halting-place on left bank of the Ohandri, nearly opposite to old Koksar, no supplies; good water from the river; small level space available for C-G., road very rough and stony; at 2 m. cross a dangerous torrent, by a temporary foot bridge. |
| | | KOKSAR . . . | 12 | 274 | See Route 618 Country and road as above; a dangerous torrent is crossed soon after leaving Ohhatru, by a temporary foot bridge. |

| ATTACHMENT. | | Name of stage and site of camp/stop-grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|--|--|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Assistant Commissioner in Kulu, Naggar. | SISU . . . | 12 | 286 | See Route C18. |
| | | GANDLA . . . | 8 | 294 | |
| | | KAILANG . . . | 11 | 305 | |
| | | GIMUR . . . | 10 | 315 | |
| | | DARCHA, SUMDO . . . | 7 | 322 | |
| | | PALANJAU . . . | 10 | 332 | A halting-place; no supplies; water abundant and good; country as above; road a rough narrow path along the bank of the Kado Tokpo. |
| | | SHINKUL PAES, top of— | 10 | 342 | No village; no supplies; water abundant and good; path very rough and difficult. |
| | | LUKKING . . . | 12 | 354 | A halting-place at the northern base of the Shinkul pass; no supplies, coolies, or fuel; road tolerably easy on both sides of the pass, crossing the summit about half-way. |
| | | KARGIA . . . | 8 | 362 | A village; supplies and fuel procurable; road tolerably easy; large herds of sheep and yaks graze about Kargia. |
| | | MALING . . . | 10 | 372 | Village; supplies and fuel scanty; road good, down the right bank of the Luna Sampa. |
| | | SARLEH . . . | 9 | 381 | A small village; supplies procurable in the neighbourhood; fuel rather scarce; road indifferent, crossing the Luna Sampa soon after leaving Maling; about half-way a large stream from the E. joins the Luna Sampa; a path runs up its valley by the Marungla pass into Rupshu. |
| | | LUNG TUNG . . . | 8 | 389 | A halting place, by the banks of the Luna Sampa; no supplies; fuel very scanty; road difficult in places, running down the edge of the river; the Luna Sampa is crossed by a swing bridge about 3 m. from Sarleh. |
| | | HERU . . . | 7 | 396 | A village; supplies procurable; road tolerable, still pursuing the course of the river which is crossed by a swing bridge at Heru. |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | PADAM . . . | 11 | 407 | A village, with a fort, situated in a fertile valley 3 or 4 m. wide; supplies plentiful; road tolerably good; pass Muni at 14 and Bardung at 3 m. The Tibetan King of Zaskar used to reside at Padam; the fort is garrisoned by a few Kashmiri troops; a road turns off to Suru (10 marches), and to Rupshu by the Shah Ladhang pass. |
| | | TSAZA . . . | 10 | 417 | A village near the Luna Sampa; supplies procurable; road good, traversing the wide fertile valley of the Luna Sampa; the river, which is deep and rapid, is crossed near Padam; yaks and ponies swim over; three villages are met with between Padam and Taza. |
| | | NIMCHI . . . | 12 | 429 | A halting-place; no supplies; water from a stream; the road, after leaving the valley of the Luna Sampa, crosses over the Shilung Logu pass; the village of Zangla is passed at 3 m. |
| | | PANCH . . . | 7 | 436 | A halting place; no supplies; water from a stream; road good, through low hills. |
| | | NAERANG . . . | 8 | 444 | A village; supplies procurable; road ascends for 2 m. to the top of the Naerang pass, through a ravine, with low hills on each side; the descent from the summit is tolerably easy. |
| | | YILCHUNG . . . | 6 | 450 | A village; supplies procurable; road very fair; descend for 1 m. and cross the Luna Sampa; then an easy ascent for 2½ m. to the summit of the Chachu Dorla pass; the descent to Yilchung is insignificant. |
| | | FATOKSIR . . . | 10 | 460 | A good-sized village; supplies procurable; road fair, ascending for 4 m. to the top of the Yilchung pass; there is then a short and easy descent to a well-cultivated valley, called Mialing, through which the road runs for 6 m. |
| | | HOFUTTA . . . | 10 | 470 | A small village; supplies scarce; road tolerably easy, crossing the Shi Shingli pass about 3 m. |
| | | WANLA . . . | 11 | 481 | A village; supplies procurable; water from a good stream, which runs past the village; road rather difficult in places, crossing a stream twice by a wooden bridge; pass Sundu at 3 and Phanjila at 7 m. |
| | | LAMAYURU . . . | 5 | 486 | A village; supplies plentiful; road easy, joining the road from Kashmir at Lamayuru. |
| | | KHALSI . . . | 9 | 495 | A village with a fort; supplies and water plentiful; country barren, with low hills; road tolerable, following the centre of the nullah for 2 m. until the Womlo stream is joined; this is crossed by a bridge, and the road follows the stream until its junction with the Indus, which is crossed at 8 m.; the bridge over the river is guarded by the fort. |
| | | HIMIS . . . | 15 | 510 | A village situated on an elevated plateau; supplies and water procurable; country as above; road tolerable, following the course of the Indus for some distance; at 6 m. the village of Nynin is passed; the road then turns up a gorge in the low hills, and ascends to Himis. |
| | | BAEGO . . . | 16 | 526 | A village; supplies and water procurable; country as above; road stony for the first half; pass Likir at 6 m.; the Indus is approached at Baego. |
| LEH . . . | 20 | 546 | See Route C13. Country hilly, with barren plains here and there; slight cultivation near Leh; road tolerably good, passing Enima at 1 and Pitsch at 13 m., between these two villages there is a short ascent and a long descent until the road nears the river. | | |
| | | Total marches, 63 = 546 m. | | | |

FROM SIMLA TO SRINAGAR.

via KOTGARH, RAMPUR, SULTANPUR, LEFT BANK OF THE BEAS, THE ROTANG PASS, TANDI, AND KIGHTWAR.

| AUTHORITIES | | Names of stages and nature of ascending grounds. | DISTANCES. | | REMARKS. |
|--|-----------------------------------|--|------------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Umballa. | Dr. Commr. of Simla, Simla. | PHAGU . . . | 13 | 13 | See Route 606. |
| | | THEOG . . . | 6 | 18 | |
| | | MUTTIANA . . . | 11 | 29 | See Route 610(c). |
| | | NARKANDA . . . | 11 | 40 | |
| | | KOTGARH (THANADAR) NIRTH . . . | 11 | 51 | |
| | | | 10 | 61 | See Route 611. |
| | | RAMPUR . . . | 12½ | 73½ | |
| | | ARSU . . . | 7 | 80½ | |
| | | SARHAN . . . | 8 | 88½ | A village; supplies on notice; plentiful good water from streams; suitable site for C.G. available; country mountainous; road, 6 to 10 ft. wide, unmetalled, but passable for horses; cross the Rutlej at Rampur by a bridge; the road then ascends a very steep hill for about 5 m., short zigzags through a forest, after which it descends gently to Arsu. |
| | | BATHAD . . . | 10 | 98½ | |
| G. O. C. Lahore District, Meerut Meer. | Asst. Commr. in Kulu, Nagar. | MANGLAOR . . . | 17 | 116½ | |
| | | LARJI . . . | 7 | 123½ | Country and road as before, latter follows the Chata R., passes near Banjar (pro.) and crosses the Tirthan R. by a wooden bridge, where the road from Jibhi is joined. |
| | | BAJAURA . . . | 12 | 135½ | |
| | | SULTANPUR (KULU) . . . | 9 | 144½ | |
| | | KATHRAIN . . . | 12 | 156½ | See Route 612. |
| | | MANAULI . . . | 11½ | 167 | |
| | | BAHLA . . . | 8½ | 175½ | |
| | | KOKSAR . . . | 9 | 184½ | A village; supplies on notice; plentiful good water from a neighbouring stream; space available for C.G.; country and road as before, latter follows the right bank of the Chandra R., leads over a plain for 1 m., then ascends and passes along the face of rocks, very difficult and narrow in places; at 8 m. the Bhaga is crossed by a good bridge, just above its junction with the Chandra; after joining these two rivers are called the Chenab. Just before reaching Tandi the road to Leh branches to the E. |
| | | SISU . . . | 12 | 196½ | |
| | | GANDLA . . . | 8 | 204½ | |
| Chamba Territory. | Superintendent of Chamba, Chamba. | TANDI . . . | 7 | 211½ | A village on right bank of the Chenab; supplies on notice; plentiful good water from a neighbouring stream; suitable space for C.G.; country and road as before, latter runs down the right bank of the river, passing Tomang at 8, Mallang at 5, and Samsa at 8 m. |
| | | JARNA . . . | 14 | 225½ | |
| | | TRILOKNATH . . . | 12½ | 237½ | |
| | | ODAPUR . . . | 6 | 243½ | A large village, with several other villages in the neighbourhood, on the left bank of the Chenab, elevation 9,500 ft.; supplies and water plentiful; small spaces for C.G.; road easy and good; pass Kamri at 4, leave Lahoul at 6, and cross the Chenab (bridged) at 9 m. There is a very holy Hindu temple at Triloknath, a great place of pilgrimage. |
| | | MIYAR . . . | 1½ | 258½ | |
| | | CHIRPAT . . . | 3 | 261½ | |
| | | LEIAS . . . | 15 | 276½ | A small village, situated near the confluence of the Bendi and Chenab; few supplies procurable; water plentiful; encamp on terraces; road tolerable; cross the Chenab at 1½ m., and the Bendi at the end of the march, both bridged. There is a curious Hindu temple at Odapur. |
| | | | | | A few huts on the right bank of the Bendi, elevation 10,215 ft.; supplies not to be depended on; water plentiful; C.G. very small; road very difficult at first, afterwards tolerably good; cross the Bendi (bridged) about half-way. |
| | | | | | A few huts on the right bank of the Bendi; fuel and water procurable, but no supplies; very little space for C.G.; country tolerably well cultivated; road very fat; cross the Bendi (bridged) about half-way. |
| | | | | | No supplies or fuel, but water procurable; C.G. in irregular patches; road difficult; a long, steep ascent to the top of the Gurdhar pass (elevation between 17,500 and 18,000 ft.); then a very difficult descent, almost impracticable for laden coolies; footstep-huts to be cut in the snow, which is perpetual on this pass; for the last 2 or 3 m. the descent is somewhat easier, but very stony. |

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|--------------------|-----------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Chamba Territory. | Superintendent of Chamba, Chamba. | BATAOR . . . | 6 | 270½ | A few shepherds' huts, elevation 11,033 ft.; fuel and water, but no supplies procurable; space for C-G. small; road tolerably good. |
| | | SAICHU . . . | 8 | 284½ | A small village; supplies scarce; water procurable; C-G. very limited; road tolerably good. |
| | | SAUCH . . . | 10 | 294½ | A village on the right bank of the Chenab, elevation 7,886 ft.; supplies and water procurable; road tolerably good, following the course of a mountain torrent. Note.—There is another road from Odsapur, along the banks of the Chenab, and though dangerous in places, it is usually followed by travellers; the marches are:— Margraon . . . 4 m. Supplies and water procurable. Sargraon . . . 10 „ „ Supplies scarce; water plentiful; road narrow and difficult in places; cross the Chenab at 8 m. Tindi . . . 8 „ „ Supplies and water obtainable; first half of march difficult. Soar . . . 17 „ „ Road difficult. Sauch . . . 11½ „ „ Road difficult; pass Parli at 3 and cross the Chenab (bridged) at 10 m. |
| | | KILAR . . . | 8 | 302½ | A village near the right bank of the Chenab, elevation 8,411 ft.; supplies and water procurable; road difficult, quite impracticable for horses; pass Phindra at 3 and Mocha at 6½ m.; some of the torrents are bridged. |
| | | DARWAS . . . | 6 | 308½ | A large village near the right bank of the Chenab, elevation 8,420 ft.; supplies and water plentiful; a storehouse capable of sheltering 80 to 100 men; road tolerably good at first, then a steep descent down the rugged face of a hill to a rapid stream which is crossed by a bridge just below the village; between this and Triloknath fine deodar trees grow. |
| | | ASHDARI . . . | 10 | 318½ | A deserted village on the right bank of the Chenab; no supplies; road passable for hill animals with light loads, but difficult; pass Luj at 2 and leave the Chamba Territory at 4 m.; the hills on both sides become lower as the river is descended. |
| | | SOHUL . . . | 11 | 329½ | A moderate-sized village situated on a cultivated plateau; supplies and water procurable; extensive site for C-G.; road fair the whole way and practicable for animals with light loads; a swing bridge over the Chenab here. |
| | | GULABGARH . . . | 6 | 335½ | A small square fort, situated at the junction of the Chenab and Padar rivers; road tolerable, following the right bank of the river; hills rocky and precipitous opposite to Gulabgarh; on the left bank of the Chenab is Artuli, connected by a rope bridge; there is a road from here to Leh and the valley of the Padar R. and Padam. |
| | | JHAR . . . | 4 | 339½ | A village about 400 ft. above the right bank of the Chenab; supplies procurable in the neighbourhood; water plentiful; road tolerable, passing through a good deal of cultivation; snowy mountains close to both sides of the river; the path from here to Kishitwar is impassable for many months in the winter; there is another path along the riverside which people sometimes travel by at that season, but it is a difficult and dangerous one. |
| | | SIRERI . . . | 10 | 349½ | A few deserted houses; no supplies; road fair, ascending gradually to Sirer which is about 2,000 ft. above the Chenab. |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | LIDRARI . . . | 7 | 356½ | No supplies; a bad C-G. by the side of an avalanche; road extremely bad, along a rocky hillside, keeping 1,500 or 2,000 ft. above the river; very fatiguing for coolies. |
| | | PYAS . . . | 7 | 363½ | A few houses, elevation 6,320 ft.; no supplies; C-G. in a ravine below village; hills steep and rocky; road bad. |
| | | BAGRANA . . . | 11 | 374½ | A few houses; fuel and water abundant; supplies scarce; road bad along the wooded sides of the hills overhanging the Chenab. |
| | | KISHITWAR . . . | 18 | 387½ | Road, tolerable, except in one or two places, as in last march at first, then descending an elevated ridge to Kishitwar. |
| | | MUGHAL MAIDAN . . . | 16 | 403½ | See Route 203. |
| | | SINGPUR . . . | 16 | 419½ | |
| | | WANKRINGI . . . | 16 | 435½ | |
| | | WANGAM . . . | 12 | 447½ | |
| | | ISLAMABAD . . . | 17 | 464½ | For other remarks see Route 6. |
| | | AVANTIPUR . . . | 18 | 482½ | |
| | | SRINAGAR . . . | 17 | 499½ | |
| | | Total marches, 48 = 499½ m. | | | |

Route No. 614 (a).
FROM SIMLA TO SRINAGAR.
via LEH.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | FROM SIMLA to LEH, 36 marches. | ... | 378½ | See Route 613. |
| | | NIMO . . . | 18½ | 306½ | |
| | | | | | The road runs across a plain for 5 m. to Pittak gorge, on right bank of Indus, and then follows the river westward to Phayang sarai at 8th m.; then continues straight on at some distance from the river to Nimo sarai, the Zaskar R. falling into the Indus at this point; elevation 10,440 ft. |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------|--------------------------------|---|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| Kashmir Territory. | Resident in Kashmir, Srinagar. | SASPUL . . . | 11½ | 405½ | From Ninnu the road runs to Dasgo, at the mouth of a fertile valley; from this point the old track runs higher up the mountain slopes through Himis; the new track runs direct from Dasgo to Saspul on the Indus; elevation 10,443 ft. |
| | | NURLA . . . | 14½ | 428 | The track follows the river bank for the whole march to Nurla; the old road through Himis joins in here; elevation 10,166 ft. |
| | | LAMAYURU . . . | 18½ | 441½ | See Route 618 (b). The track is still on right bank of the Indus as far as 11th m. when it passes through Khalsi fort overlooking the bridge over the Indus; at about 2 m. beyond Khalsi the route turns S. and enters the Wan's nullah; stream is crossed repeatedly; at Lamayuru the country is more open; elevation 11,335 ft. |
| | | KHARBU . . . | 15½ | 456½ | The ascent to Potala pass begins at once; this gradual slope being a little over 2,000 ft. in 5 m.; the descent is also gradual, and in 10 m. reaches Kharbu camp; elevation 11,487 ft. |
| | | SHARGOL . . . | 19 | 475½ | From Kharbu the route follows a tributary to the W.; Khangral is passed, and at 6 m. is the crest of the Namylka pass (12,502 ft.); the descent is gradual, passing Malbekk Chumba (a figure cut out of rock) and the Malbekk G-O; the Shargol camp is in the 20th m.; elevation 10,883 ft. |
| | | KARGIL . . . p-o. | 18½ | 494½ | From Shargol the descent is gradual, and road follows right bank of the Wakha R. as far as Pashkyun at 18 m., where it crosses to the left bank by a bridge; the country shortly becomes more open and a short descent leads to junction of the Wakha and Sura rivers. The fort is close to the river bank, but the p-o is higher up near the village of Kargil, situated on the left bank of the Sura R.; supplies plentiful; elevation 8,830 ft. |
| | | TASHGAON . . . | 21 | 516½ | From Kargil the road follows the left bank of the Sura for 3 m., where the Dras-Shigar stream joins it, then follows the right bank of this tributary, passing Chanyund at 7 m.; the junction of the Dras and Shigar rivers is passed at 11 m. and Karbo b. at 16; the river is crossed by a bridge just before reaching Tashgaon sarai; elevation 9,448 ft. |
| | | DRAS . . . p-o. | 15 | 530½ | The track continues S-W. along left bank of the Dras R. to Dandul; the route turns due W. passing Bumbat and finally reaching Dras camp; elevation 9,907 ft. |
| | | MATAYAN . . . | 12½ | 543 | The road is fairly level to Pandras, and shortly after crosses to right bank by a bridge and in 4 m. Matayan camp is reached. |
| | | BALTAL . . . | 15 | 558 | From Matayan the track runs along right bank as far as the bridge leading to Minik nung at 7 m.; there is then an ascent of about 500 ft., and the road is continued past the foot of the Jergol glacier; there is a descent into the river bed and the track passes over swampy ground to the head of the Gumbat R.; at 13 m. is the watershed of the Waggaaga nullah, and this spot defines the true boundary between Ladak and Kashmir by being the source of the Sind R.; the route passes over 2 or 3 snow bridges, when a steep ascent leads to the crest of the Zojit pass (11,237 ft.) at 14 m.; there is a descent of 2 m. to Baltal in the Sind valley of Kashmir. |
| | | SONAMARG . . . | 9 | 567 | From Baltal the road passes through a bare plain, crosses the river to left bank opposite a village of half-a-dozen houses, and again to right bank by a wooden bridge beyond the Marg; country becomes bare and the road rocky, thence through a forest to Sonamarg, where there are only a few shepherds' houses; supplies very scarce. |
| | | GAGANGIR . . . | 7½ | 574½ | A small village; supplies not procurable; water and fuel abundant; between here and Gaudarbal the road is sometimes on left bank of the river and sometimes on the right, according to the state of the bridges. |
| | | GOND (GUNDI-SER-SINGH). . . | 8 | 582½ | A village; supplies and water procurable; country, a valley with cultivation; a good road. There is a short path from here to Baltal— To Chui Gari 14 m. Baltal 10 " TOTAL 24 m. |
| | | KANGAN . . . | 13½ | 596 | A small village; supplies procurable; water plentiful; country and road as in last stage; the river is crossed at Subal at 2½ and again at Haru at 6½ m.; pass Margand at 18 m. |
| | | GANDARBAL . . . | 11½ | 607½ | A village; supplies procurable; water plentiful; country generally swampy, with rice cultivation; road good, but narrow in places. |
| | | SRINAGAR . . . | 14 | 621½ | See Route 8. Country and road as in last stage. |
| | | Total marches, 58= | | | |
| | | 621½ m. | | | |

Route No. 615.
FROM SIMLA TO SUBATHU.
via THE NEW ROAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|------------------------------------|--------------------------------------|---|----------|--------|------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Srinagar District, Umlah. | Deputy Commissioner of Simla, Simla. | From the Camp to— KHAIRI GHAT . . . | 18½ | 18½ | } See Route 831. |
| | | SOLAN . . . | 18½ | 37 | |
| | | SUBATHU . . . | 19½ | 61½ | |
| | | Total marches, 3= 61½ m. | | | |

Route No. 615 (a).
FROM SIMLA TO SUBATHU.
via THE OLD ROAD.

397

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Simla District, Unmala. | Dr. Coomer of Simla, Simla. | From the Ohureh to SAIRI . . . | 10½ | 10½ | See Route 381 (a). |
| | | KAKARHATTI . . . | 10½ | 20½ | |
| | | SUBATHU . . . | 2 | 22½ | See Route 172. |
| | | Total marches, 8=22½ m. | | | Leave the Kasauli road at Kakarhatti and ascend steadily to Subathu by a good bridle-road; gradient steep. |
| | | | | | |

Route No. 616.
FROM SIRONJ TO GOONA.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agm. | P. Agent in Bhopal, Sironj. Resident at Gwalior, Gwalior. | MALLAKHERI . . . | 12 | 12 | A small village; supplies scarce; water from a large well on C-G., extensive site for which is N. of village, where there are other wells; country at first mostly jungle, afterwards chiefly cultivated; road a fair track, crosses, on starting, over a range of hills; pass Jetpur at 7 m. |
| | | RAMPUR . . . | 9½ | 21½ | A moderate-sized village; supplies on notice; water from 2 good wells on C-G., extensive site for which is S. of village; country level and chiefly cultivated; road as above, but impassable in the rains, as the Sind (100 yds. wide, banks steep) is then unfordable; cross the river at 8 m. |
| | | AROUN p.o. . . . | 6½ | 27½ | A good-sized village with a small stone fort; supplies procurable; water from wells and a stream near C-G., spacious site for which is close to road and village; country undulating and stony; road as above; cross a nullah at 8 m., then pass Siwajpur. |
| | | SULTANPUR 62,500 sq. yds. . . | 11½ | 39½ | A moderate-sized village; supplies scarce; good but limited water from wells near C-G., which is close to road and village; country level and chiefly cultivated; road as above; cross a nullah by an easy ford at 5½, and pass Khajo at 8 m. |
| | | GOONA . . . | 10 | 49½ | See Route 19. |
| | | Total marches, 5=49½ m. | | | Country undulating and mostly jungle; road as above; pass Behta at 4 m. |

Route No. 617.
FROM SIRONJ TO MHOW as far as MAKSEE (for remainder see Bombay Route Book No. 232).

via BIAORA AND SARANGPUR.

| AUTHORITIES. | | Names of stages and size of encamping-grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agm. | P.o. Agent in Bhopal, Sironj. Resident at Gwalior, Gwalior. | MURARWAS 25,000 sq. yds. . . | 13 | 13 | A village; supplies scarce; good water from a well near C-G., site for which is between road and village, where there are other wells; country jungle except just round village; road unmetalled and bad, passing over hilly country and intersected by nullahs. |
| | | LATERI . . . | 7 | 20 | A town; supplies on notice; good water from wells in town; plenty of space available for C-G.; country partially cultivated round town; road as above. |
| | | MAKSUDANGARH (NALAKILA.) 180×100 yds. p.o. . . | 10 | 30 | A large village at the foot of a hill, which has the ruins of an old fort on the top, within the walls of which are two tanks; supplies procurable; good water from 5 wells in vicinity of C-G., good site for which is ½ m. S. of village; country rocky in places, but generally well cultivated; road, a mere cart track. |
| | | SUTHALIA p.o. . . | 8 | 38 | A large village; supplies procurable; good water from 5 wells and a nullah near the site chosen for C-G., which is in fields near a large mango grove; country and road as above; nullahs unbridged; cross the Parbati just below its junction with the Ten Nadi by a bad crossing, but passable for guns. The river is unfordable during heavy rain; a causeway is to be built a mile below present crossing. |
| | | BIAORA . . . | 16 | 54 | Country at first hilly and jungly, afterwards open and well cultivated; road, a mere cart track, stony and rough until the open country is reached when it becomes very fair. |
| | | KABANWAS . . . | 10½ | 64½ | |
| | | PACHHAR . . . | 6½ | 71½ | See Route 19. |
| | | UDONKHERI . . . | 7½ | 79½ | |
| | | SARANGPUR . . . | 11½ | 90½ | |
| | | SHAJAPUR . . . | 17 | 107½ | |
| | | MAKSEE . . . | 14½ | 122½ | |
| | | Total marches, 11=122½ m. | | | |

FROM SIRONJ TO NEEMUCH as far as TEHLA (for remainder see Bombay Route Book No. 242).

via JHALRAPATAN.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|--------------------------------------|--|--|-------------------------------|--------|---|--|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Bundelkhand District, Agra. | Political Agent in Bhopal, Sehore. | MOW AKHERI . | 11½ | 11½ | A small village; supplies on notice; plentiful good water from 3 wells near C-G., spacious site for which is W. of village; country hilly; road, a very fat track, rises in first 8 m. to a high table-land. | |
| | | MOTHI . | 12½ | 24 | A small village; supplies scarce; good water from 2 wells on C-G., spacious site for which is new village, where there are other wells; country level and chiefly cultivated; road as above, but hardly passable for laden carts in places; pass Anandpur at 6½ m. | |
| | | BARSAD . 60,000 sq. yds. | 15 | 39 | A large village; supplies procurable; good water from wells on C-G., which is close to village and road; country jungle with partial cultivation; road rough and stony, steep in places; nullahs fordable. | |
| | | CHACHORA . p-o. | 13 | 52 | A large town, about 2 m. W. of the Agra-Bombay road; supplies plentiful; abundant good water from 4 masonry wells on C-G., suitable site for which is 500 yds. S-W. of town, accommodating about 2 battalies; country and road as above; cross the Parbat (fordable) en route. | |
| | Resident at Gwalior, Gwalior. | MANAWAR . 30,000 sq. yds. p-o. | 16 | 68 | A large walled town on the Parwan R.; supplies plentiful; good water from wells and the river; site for C-G. S. of town; country hilly and covered with jungle; road, a bad cart track, 6 to 10 ft. wide, steep, stony and rough in places; nullahs fordable except after heavy rain; pass Jauri at 10 m. There is an alternative and much better road between Manawar and Anasur making the following stages:— Salehri . . . 10½ m. Atlera . . . 10½ " } Water plentiful; road, 80 ft. wide, unmetalled but good. Amets . . . 12 " Anasur . . . 8½ " | |
| | | Pol. Agt., Tonk and Havildar, Deod. | CHIRAILA . 12,000 sq. yds. | 11 | 70 | A large village; supplies plentiful; good water from wells and the Newaj R., on bank of which, and about a mile before reaching village, is site for C-G.; country, a broad valley; road very good for first 8 m., thence a rough cart track; cross the Parwan on starting, by a good culvert, and the Newaj (dry in hot weather) at end of stage, by a rocky crossing; both rivers unfordable after heavy rain. |
| | | | BANATGA . 10,000 sq. yds. | 13 | 83 | A village on the Chapi Nadi; supplies very scarce; water from wells and the nadi; site for C-G. W. of village; country hilly with cultivation in the valleys; road, a bad cart track, rough and stony in parts, but fairly level; pass Khejra at 3 m. and cross the Chapi (generally unfordable in the rains) at end of stage. |
| | | | ASNAUR . | 18½ | 101½ | Country covered with jungle; road bad until it reaches the Goona-Neemuch road at Amets, 4½ m. |
| | Pol. Agt., Kotah, Jhalrapatan, Kotah. | | JHALRAPATAN . | 10½ | 116½ | See Route 203. |
| | | Pol. Agt., Jhalrapatan, Kotah. | BILWARA . | 8½ | 124½ | |
| | | | OSARA . | 0½ | 124½ | |
| | | | BHANPURA . | 9½ | 144½ | |
| | Pol. Agt., Wn. Malwa. | | TEHLA . | 10½ | 154½ | |
| | | Total marches, 18= | | | | |
| | | 154½ m. | | | | |

Route No. 619.

FROM SIRONJ TO SEHORE.

via BDRASIA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bundelkhand District, Agra. | Resident at Gwalior, Gwalior. | SALPARO . | 18½ | 18½ | A small village; supplies scarce; water from several wells and a stream; C-G. spacious; country at first well cultivated, afterwards undulating and jagged, hills to the W.; road, a mere track, impassable during rains; pass Khos at 6½ m. |
| | | BARDA . | 0½ | 22½ | A large village; supplies on notice; good water from wells in vicinity of village, near which and close to the road is site for C-G.; country hilly and partially cultivated; road as above; cross the Sagar (fordable except during rains) at 3 m. |
| | | DATURIA . | 7½ | 30½ | A village; supplies scanty; fuel plentiful; water from wells and a nullah; plenty of space for C-G.; country partially hilly, jungle, and cultivation; road, a country track, impracticable for carts during rains. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|------------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. North India District, Jabalpur. | Political Agent in Bhopal, Sehore. | DERASIA . . . | 19 | 42½ | See Route 579. Country well cultivated and undulating, with a few isolated hills; road as in last stage; nullahs passable in dry season. There is an alternative route between Beraia and Sehore, which would have to be used in the rainy season; the following stages are made:— Bawa Pandikhar . . . 13 m. Bhopal . . . 13 " } Kharjari . . . 11 " } Road metalled after first 2 m. Sehore . . . 12 " } See Route 571. |
| | | BARKHERA . 170 × 100 yds. | 11 | 53½ | A small village; supplies scanty; good water, for a bath, from a well 100 yds. N. of O-G., shaded site (a quagmire in the rains) for which is W. of road and near village; there is another well, W. of camp, but water indifferent; country generally open and cultivated; road as in last stage; pass Kasolmaria at 8 m. |
| | | DURAH . 300 × 200 yds. p-o. | 18 | 66½ | A large village; supplies plentiful; abundant good water from 8 wells, one on, and the others near, C-G., which is W. of road and close to village; country and road as above; nullahs passable in dry weather; pass Kasolpura at 6½ m. |
| | | SEHORE . . . | 16 | 81½ | See Route 571. Country generally open and cultivated, with occasional patches of waste land and scrub-jungle; many nullahs; road as above, except the last 2 m., which are metalled; pass Samalia at 7½ m. |
| | | Total marches, 7 = 81½ m. | | | |

Route No. 620.

FROM SIRSA TO BAHAWALPUR.

via BHUTNIR, SIRDARGARH AND ANUPGARH.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sindh District, Unahla. | Deputy Commissioner of Ilseer, Ilseer. | IRANIA . . . 10,285 sq. yds. p-o. b. | 12½ | 12½ | A small town; supplies on notice; plentiful good water from a well and tank close to C-G., latter 100 yds. N. of town; country jungle; road unmetalled, but bridged and fit for all arms; pass Ramnagar at 2, and cross the Ghaggar R. (fordable except in rains when a ferry, carrying 30 men at a trip, plies) at 7½ m. |
| | | SURAWALI . . . 600 × 400 yds. | 18½ | 31 | A small village; supplies on notice; good water from a well; C-G. 100 yds. W. of village; country uncultivated; road unmetalled, but fit for all arms; pass Jagmalera at 7½, and Ulipur at 9 m. |
| Bikaner Territory. | Political Agent, Bikaner, Rajputana. | BHUTNIR . . . | 19½ | 44½ | A small village; supplies procurable; plentiful good water; C-G. S.E. of village; country and road as in last stage; pass Kamra at 4½ m. The road to Bikaner (see Bombay Route Book No. 201) branches off at Bhutnir. |
| | | DHABLI . . . | 8½ | 52½ | A small village; supplies procurable; water, plentiful but slightly brackish, from wells and a tank; good site for C-G. near village; country and road as before. |
| | | RAMPURA . . . | 18 | 70½ | A small village; no supplies; good water from a well and tank; C-G. anywhere near village; country sandy; road as before, heavy in parts; several deserted villages are passed en route. |
| | | SIRDARGARH . . . | 12 | 82½ | A small village; supplies must be brought from Suratgarh; good water from 2 wells and a tank; C-G. anywhere near village; country and road as before. |
| Bahawalpur Territory. | Political Agent at Bahawalpur, Bahawalpur. | BALOOCHIA . . . | 10½ | 102½ | A small village which is often deserted in bad seasons; supplies procurable with difficulty; water from 8 wells and a tank, but quality not good; C-G. in a dry hard basin surrounded by hills; country and road as before; a heavy sand-hill is crossed towards end of march. |
| | | ANUPGARH . . . | 16½ | 118½ | A village; supplies on notice; fair water from wells and tanks; C-G. good; country and road as before. |
| | | WALAR . . . | 11½ | 129½ | A village; supplies on notice; good water from 2 wells in vicinity of C-G., extensive site for which is 200 yds. N. of village; country as before; road unmetalled and fit only for cavalry and infantry. |
| | | PHULRA . . . | 10½ | 140½ | A village; supplies on notice; fair water from 4 wells and a tank; no regular C-G. but space available N.E. of village; country and road as in last stage. |
| | | MIRGARH . . . | 12 | 152½ | A village; supplies must be collected; good water from 4 wells 200 yds. E. of village; no regular C-G. but extensive space available W. of village; country and road as above; a well with good water is passed at 8 m. |
| | | MARUT . . . | 12 | 164½ | A village; supplies on notice; good water from 3 wells and a large tank near C-G., extensive site for which is W. of village; country and road as above. |
| | | CHAPU . . . | 10 | 174½ | No village; supplies must be collected; good water for 500 men and as many animals from 2 wells; no regular C-G. but plenty of land available N. of wells; country and road as above. |
| | | KALAPAHAR . . . | 9 | 183½ | A small post; supplies must be collected; good water for 500 men and as many animals from a well; no regular C-G. but plenty of land available 800 yds. N. of well; country and road as above. |
| | | POWARWALA . . . | 12 | 195½ | Country and road as before. |
| | | BAHAWALPUR . . . | 14½ | 209½ | See Route 122. |
| | | Total marches, 16 = 209½ m. | | | |

Route No. 620(a).
FROM SIRSA TO BAHAWALPUR.
via MALAUT, FAZILKA, AND KHAIRPUR.

| AUTHORITIES. | | Names of places and also of encamping grounds. | DISTANCE. | | REMARKS. | | |
|--|---|--|------------------------------|---|-----------------------------------|------|--|
| Military. | Civil. | | Miles. | Total. | | | |
| G. O. C. Lahore District, District, Umballa. Mean Meer. | Dr. Commr. of Ferozepore, Hissar, Hissar. | SAHUWALA . . . | 10 | 10 | See Route 261. | | |
| | | ODHA . . . | 8 | 18 | | | |
| | | PIPLI . . . | 7 | 25 | | | |
| | | DUBWALI . . . | 11 | 36 | | | |
| | | LAMBI . . . | 11 | 47 | | | |
| | | Bahawalpur Territory. | Political Agent, Bahawalpur. | MALAUT . . . | 13 | 60 | A small village; supplies on notice; good water, for a latrine, from a well; C.O. in adjacent fields; country much cultivated; road unfit for wheeled traffic, but in fair order; pass Midha at 9, and Panivali at 11 m. Country and road as above. |
| | | | | ARNIVALA . . . 410,400 sq. yds. p-o. b. | 16 | 76 | |
| | | | | FAZILKA . . . | 14 | 90 | |
| | | | | HASIL SARU . . . | 12½ | 102½ | |
| | | | | McLEODGANJ . . . | 11 | 113½ | |
| MINCHINABAD . . . | 10 | | | 123½ | | | |
| CHAKUKA . . . | 10 | | | 133½ | | | |
| JHULAN . . . | 10 | | | 143½ | | | |
| SADIKPUR . . . | 13½ | | | 157½ | | | |
| MAHTHA JHEDU . . . | 13½ | | | 170½ | | | |
| SHAJIR-FARID . . . | 9 | | | 179½ | | | |
| HASILPUR . . . | 13 | | | 192½ | | | |
| KAIMPUR . . . | 8 | 200½ | | | | | |
| KHAIRPUR . . . | 12½ | 213 | | | | | |
| BRIDGE No. 1 . . . | 17 | 230 | | | | | |
| | | BAHAWALPUR . . . | 20½ | 250½ | For all or remarks see Route 122. | | |
| | | Total marches, 21 = 260½ m. | | | | | |

Route No. 621.
FROM SIRSA TO BIKANER *as far as PIPAWA (for remainder see Bombay Route Book Nos. 201 (1) or 201 (2)).*

| AUTHORITIES. | | Names of places and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Riser, Hissar. | RANIA . . . | 12½ | 12½ | See Route 620. |
| | | PIPAWA . . . | 8 | 20½ | A large village; supplies easily procurable; good water from 2 wells; C.O. anywhere near village; country fairly cultivated; road unmetalled but bridged and fit for all aims. |
| | | Total marches, 2 = 20½ m. | | | |

Route No. 622.
FROM SIRSA TO MEEAN MEER.
via BATHINDA, FARIDKOT, AND HARIKI.

| AUTHORITIES. | | Names of places and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|------------------------------|--|-----------|--------|--------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Riser, Hissar. | SAHUWALA . . . | 10 | 10 | See Route 261. |
| | | ODHA . . . | 8 | 18 | |
| | | PIPLI . . . | 7 | 25 | |
| | | KOT BAKHTU . . . | 11 | 36 | |
| | Chief Secy. to Punjab Govt. | BATHINDA . . . | 12½ | 48½ | See Route 261 (a). |
| | | JAITU . . . | 17 | 65½ | |
| | | KOT KAPURA . . . | 11 | 76½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Ferozepore, Ferozepore. | PARIDKOT . . . | 8 | 84½ | See Route 261(a). |
| | | MOODKEE . . . | 10½ | 94½ | See Route 256. |
| | | ZIRA . . . p-o. | 14½ | 109½ | Country undulating, partially cultivated at first, well cultivated near Moodkee; road unmetalled, heavy in places, passable for cavalry. The Dunda or high bank of the old bed of the Sutlej forms a marked feature in the country. |
| | | MAKHU . . . | 11 | 120½ | A small town; supplies easily procurable; plentiful good water from wells in vicinity of C-G., small site for which is B. of town; country and road as in last stage; pass Burakot Karor at 9, cross the Ferozepore-Ludhiana road at 5, and pass Katal Rohi at 10 m. |
| | | HARIKI . . . | 5½ | 125½ | Country level, open and well cultivated, generally bare of trees; road as above; the direct road from Zira to Hariki passes 1½ m. W. of Makhru, which place is reached by a road which joins the direct road again 2 m. beyond Makhru; cross the old bed of the Sutlej at about 5½ m., banks rugged and broken. |
| | | BHAGUPURA . . . | 9½ | 134½ | |
| | | KALA . . . | 9½ | 144 | See Route 384. |
| | | KHALRA . . . | 7 | 151 | |
| | | BARKI . . . | 8½ | 159½ | |
| | | MEERAN MEER . . . | 9 | 168½ | For other remarks, see Route 206. |
| | | Total marches, 17 = 188½ m. | | | |
| | | | | | |
| | | | | | |

Route No. 623.
FROM SIRSA TO MONTGOMERY.
 via MALAUT AND DIPALPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Ludhiana. | Deputy Commissioner of Ferozepore, Ferozepore. | SAHUWALA . . . | 10 | 10 | |
| | | ODHA . . . | 8 | 18 | |
| | | PIPLI . . . | 7 | 25 | |
| | | DUBWALI . . . | 11 | 36 | See Route 201. |
| | | LAMBI . . . | 11 | 47 | |
| | | MALAUT . . . | 18 | 65 | |
| | | MURTSAR . . . | 18 | 78 | |
| | | CHOTA GANGA . . . | 12½ | 90½ | A village; supplies on notice; indifferent limited water from a well; C-G. must be arranged for; country level, open and partially cultivated; road unmetalled, but good to Badhai, 5 m., thence sandy and heavy to Ladhuwala, 8½ m., remainder better and firmer. |
| | | PARBAT SINGH-WALA . . . | 10 | 100½ | A village on left bank of the Sutlej; supplies on notice; plentiful good water from a well; C-G. must be arranged for; country as above, with occasional small sand-hills; road as in latter part of last stage; cross the Nizamwah canal (18 ft. wide) at 2 m., and cross the Ferozepore-Bahawalpur road 1½ m. N. of Baggeka. |
| | | ATARI . . . | 6 | 106½ | See Route 257. |
| | | BASIRPUR . . . p-o. b. | 13 | 119½ | Country jungle, with partial cultivation; road unmetalled and cut up owing to floods and drainage, and is being changed continually; cross the Sutlej on starting, by ferry of 1 boat carrying 80 men, others on notice. |
| | | DIPALPUR . . . 160 x 160 yds. p-o. t-s. b. | 13 | 132½ | A large village; supplies on notice; plentiful good water from adjacent wells; C-G. must be arranged for; country as above; road unmetalled but kept in repair. |
| G. O. C. Lahore District, Mean Meer. | Deputy Commissioner of Montgomery, Montgomery. | PIPLI PAHAR . . . | 8 | 140½ | An old town; supplies plentiful on notice; good water from several wells, one in centre of C-G., suitable site for which is N. of town; country and road as in last stage. |
| | | RAKLAWALA . . . | 8 | 148½ | A small village; supplies on notice; water (supply uncertain) from wells; suitable site for C-G. N. of village; country partially cultivated; road as above. |
| | | GHOUSPUR . . . | 8 | 156½ | A halting place; supplies must be collected; water obtained from Mirshank village, 8 m. distant; at Takara, 2 m. from Rakkawala towards Pipli Pahar, there is a good well; this would be a more suitable spot to camp at; country and road as before. |
| | | MONTGOMERY . . . | 7 | 163½ | A halting place; no supplies or water; land available for C-G., but must be cleared of thick jungle; country, jungle; road unmetalled, but good. |
| | | Total marches, 16 = 168½ m. | | | See Route 257. |
| | | | | | Country and road as in last stage; cross the ry. about 2 m. E. of Montgomery. |

Route No. 624.
FROM SITAPUR TO BAHRAICH.
via BISWAN and GHILARI.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|----------------------------------|--|--|----------|-------|---|
| Military. | Civil | | Miles. | Total | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Sitapur, Sitapur. | SARAYIA . . . 21,780 sq. yds. | 8 | 8 | A small village; supplies procurable from Sitapur; good water, for a battn., from a well S. of C-G, site for which is N. of road; country level, open and well cultivated; road unmetalled, but raised and bridged; cross the ry. at Khairabad (p-o) at 4½ m. |
| | | BISWAN . . . 35,090 sq. yds. p-o. | 12½ | 20½ | A large Muhammadan town; supplies plentiful; abundant good water from a well N. of C-G, which is S. of road just before reaching Biswan; country and road as above; cross the Gun Nadi (unfordable) at 1½ m., by a wooden bridge, unfit for artillery. |
| | | RASULPUR . . . 22,040 sq. yds. | 11 | 31½ | A large village near the Chowka; supplies from Biswan; water from the river and from 6 wells in vicinity of C-G, site for which is S. of road, subject to inundation in the rains; country level and open, but low and liable to be flooded in wet weather, road neither metalled nor bridged and safe in dry season only; cross the Bakwa at 5, the Kewani at 8, and the Chowka (red heavy sand) at 10 m., streams unbridged but passable. |
| | | GHILARI . . . 72,600 sq. yds. | 9 | 40½ | A village on right bank of the Gogra; supplies scanty; water from the river; C-G S. of road, called Lalpur; country and road as in last stage; cross the Sukni nullah (fordable in dry season) at 6 m. |
| | Dr. Commr. of Bahar, Bahraich. | RAMPURWA . . . 24,505 sq. yds. | 8 | 48½ | A large village; supplies procurable; good water from 3 masonry wells, animals can be watered at the Barha Nadi, 1 m. distant; shady site for C-G. N. of road; country cultivated; road as above; nullahs always fordable; cross the Gogra R. at 1, by ferry of 9 boats, accommodating 1,800 men, and pass Bhaywanpur at 5 m. |
| | | BAHRAICH . . . | 13½ | 61½ | See Route 269. Country and road as in last stage, except last 3½ m. of latter which are metalled and fit for all arms; pass Bishapur at 3 and cross the Chola Sarju at 11 m., by pontoon bridge or ford in the dry season, by ferry in the rains. |
| | | Total marches, 6 = 61½ m. | | | |

Route No. 624(a).
FROM SITAPUR TO BAHRAICH.
via LAHARPUR and TAMOUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|----------------------------------|---|--|-----------|--------|--|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Sitapur, Bahar, Bahraich. | KURSELA . . . 12,100 sq. yds. | 7 | 7 | A small village; supplies from Sitapur; good water, for a battn, from a well near C-G, site for which is S. of road; country level, open and cultivated; road about 60 ft. wide and neither metalled nor bridged. From Kursela a road branches off S. to Khairabad r-s., distant 6 m. | |
| | | LAHARPUR . . . 290,400 sq. yds. p-o. b. | 10 | 17 | | A large town; supplies procurable; plentiful good water from 4 wells near C-G, which is on both sides of road and S. of town; country and road as above; cross the Gun (strongly bridged) soon after starting. From Laharpur unmetalled roads branch off to Biswan and Kheri, distant, respectively, 15 and 18 m. |
| | | CHANDI . . . | 10½ | 27½ | Country open and cultivated, but low and subject to inundation; road fair in dry weather, bad and difficult for wheeled traffic in rains; cross the Kowasi at 1½, the Gogra at 4½, the Ul at 7½, and the Katwa at 9½ m., all fordable in the dry season, small ferries being usually available in the rains. | |
| | | TAMOUR . . . | 6½ | 34 | | See Route 402. |
| | | KATARI GHAT . . . | 10 | 44 |  |  | For other remarks, see Route 269. |
| | | GURWA . . . | 11 | 55 | | |
| | | BAHRAICH . . . | 11 | 66 | | |
| | | Total marches, 7 = 68 m. | | | | |

Route No. 625.
FROM SITAPUR TO FYZABAD.
via BAHADURPUR, NEAR LUCKNOW AND NAWABGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|----------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Sitapur, Bahar, Bahraich. | JALALPUR . . . | 11 | 11 | See Route 421. |
| | | BAHADURPUR . . . | 11 | 22 | |
| | | JAIAPUR . . . | 10 | 32 | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Lucknow, Lucknow. | BAKSHI-KA-TALAO | 12 | 44 | See Route 421. Country and road as above; leave the road leading to Lucknow about ½ m. before reaching the iron bridge, keeping parallel to the Gumti until the Lucknow-Fyzabad road is reached; pass the road leading to the Chatter Manzil bridge at 9, and the road leading to the Sikandra bridge-of-boats at 10 m. See Route 412. |
| | | CHINHAT | 15½ | 59½ | |
| | Dy. Commr. of Bareilly, Bareilly. | NAWABGANJ (BARA-BANKI). | 10 | 69½ | See Route 414. For other remarks, see Route 251. |
| | | BAGHAURA | 13½ | 83½ | |
| | | KAMSANEHIGHAT | 12 | 95½ | See Route 251. |
| | | BHILSAR | 12½ | 107½ | |
| | | RONAHI | 13½ | 120½ | For other remarks, see Route 51. |
| | | FYZABAD | 10½ | 131½ | |
| Dy. Commr. of Fyzabad, Fyzabad. | | Total marches, 11 = 131½ m. | | | |

Route No. 625(a).
FROM SITAPUR TO FYZABAD.
via FATEHPUR, BARIHWAL, AND DARYABAD.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Sitapur, Sitapur. | SARAYIA . . . | 8 | 8 | } See Route 621. |
| | | BISWAN . . . | 12½ | 20½ | |
| | Dy. Commr. of Bareilly, Bareilly. | MAHMUDABAD p.m. | 16½ | 36½ | A large town; supplies abundant; plentiful good water from wells; good site for C.G. in a mango grove; country level, open and well cultivated; road unmetalled, but raised and bridged; pass Kanchanpur at 5½ m. |
| | | FATEHPUR . 125 x 20 yds. p.m. | 10½ | 47½ | |
| | | BARIHWAL . 17-20 sq. yds. p.m. | 13 | 60½ | A village; supplies procurable; good water for a battn., from a well on C.G., shady site for which is S. of road, and about 2 m. from the r.m.; country and road as in last stage; pass Bilkhia at 9 m. and cross the ry. near end of stage. |
| | | BADOSARAI | 7½ | 68 | |
| | | DARYABAD | 10 | 78 | Country and road as above, latter is parallel to the O. and N. Ry.; pass Allahabad at 7 m. See Route 251. For other remarks, see Route 51. |
| | | BHILSAR | 16½ | 94½ | |
| | | RONAHI | 13½ | 107 | |
| | | FYZABAD | 10½ | 117½ | |
| | | Total marches, 10 = 117½ m. | | | |

Route No. 626.
FROM SITAPUR TO GONDAL.
via FATEHPUR, BARIHWAL, AND COLONELGANJ.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|-----------------------------------|--|-----------|--------|-------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dy. Commr. of Sitapur, Sitapur. | SARAYIA | 8 | 8 | See Route 621. |
| | | BISWAN | 12½ | 20½ | |
| | Dy. Commr. of Bareilly, Bareilly. | MAHMUDABAD | 16½ | 36½ | See Route 625(a). |
| | | FATEHPUR | 10½ | 47½ | |
| | | BARIHWAL | 13 | 60½ | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oadh District, Lucknow. | Dr. Commr. of Gonda, Bar-Banki, Gonda. | CHITAUINI . . . | 14 | 74½ | Country and road as before. NOTE.—Owing to the delay occasioned by crossing the Gogra R., it might be preferable to march, either from Fatehpur to Bahramghat, 16½ m., halting at Barhwal, or to make an extra stage, camping at Bahramghat as well as at Barhwal. See Route 415. For other remarks, see Route 269. For other remarks, see Route 270. |
| | | COLONELGANJ . . . | 7 | 81½ | |
| | | BALPUR . . . | 0 | 90½ | |
| | | GONDAH . . . | 7 | 97½ | |
| | | Total marches, 9 = 97½ m. | | | |

Route No. 627.
FROM SITAPUR TO HARDOI.
via KUTABNAGAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oadh District, Lucknow. | Dr. Commr. of Sitapur, Sitapur, Hardoi. | RAMKOT . . . | 8 | 8 | See Route 154. A village; supplies procurable; good but limited water from a well; C-G. ½ m. S. of village, on the road leading to Misrikh; country level, open and fairly cultivated; road, general width 50 ft., neither metalled nor bridged, sand and difficult at all times for wheeled traffic; pass Wazirnagar at 7 m. A small village; supplies procurable; good water, for a battn, from a well on C-G., which is near the road; country and road as in last stage; cross the Gumti at about 5 m., by ferry, 2 boats, each carrying 40 men. See Route 148. Country as above; road to the Sai R. (bridged) at 9 m. as in previous stage, thence raised but unmetalled and unfit for heavy wheeled traffic during the rains. |
| | | KUTABNAGAR . . . 968,000 sq. yds. | 11 | 19 | |
| | | HARHURPUR . . . 90,000 sq. yds. | 10 | 29 | |
| | | HARDOI . . . | 15 | 44 | |
| | | Total marches, 4 = 44 m. | | | |

Route No. 627(a).
FROM SITAPUR TO HARDOI.
via NIM KHAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oadh District, Lucknow. | Dr. Commr. of Sitapur, Sitapur, Hardoi. | RAMKOT . . . | 8 | 8 | See Route 154. A village; supplies procurable; plentiful good water from 2 wells, one on, and the other 150 yds. N-E of, C-G., site for which is on the road between Nim Khar and the Gumti R.; country level, open and cultivated; road, 80 ft. wide, neither metalled nor bridged, unfit for wheeled traffic in the rains. A small village; supplies procurable; good water, for a battn, from a well on C-G., which is near the road, level and flooded in the rains; country and road as in last stage, but first mile of latter metalled; cross the Gumti (strongly bridged) at about 1 m., at Bargadai Ghat. See Route 148. Country and road as above; cross the Sai R. by a strong bridge at 5 m. |
| | | MISRIKH . . . | 7½ | 15½ | |
| | | NIM KHAR . . . 24,200 sq. yds. | 6½ | 22½ | |
| | | BHARAIL . . . 60,000 sq. yds. | 18 | 40½ | |
| | | HARDOI . . . | 11 | 51½ | |
| | | Total marches, 5 = 49½ m. | | | |

Route No. 628.
FROM SITAPUR TO LAKHIMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oadh District, Lucknow. | Dr. Commr. of Kheri, Lakhimpur, Sitapur. | SELAMAO . . . 24,900 sq. yds. | 10 | 10 | A large village; supplies from Sitapur; good water, for 2 battns, from a well S. of C-G., site for which is in a mango grove E. of road; country level, open and cultivated; road unmetalled, but raised and bridged, runs parallel to the ry. the whole way, at 1½ m. a road branches off to Loharpur, distant 16½ m. A large village; supplies procurable; good water from 2 wells near C-G., which is in 2 fair-sized mango groves, S. of the village, where there are other wells; country and road as above, latter unfit for artillery in the rains. See Route 569. Country and road as above; at about 1 m. a road branches off to Kheri. |
| | | OEL . . . p.o. p.s. | 10 | 20 | |
| | | LAKHIMPUR . . . | 8 | 28 | |
| | | Total marches, 3 = 28 m. | | | |

Route No. 629.
FROM SITAPUR TO MAINPURI
via LODHI AND MENDHIHAT.

405

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Sitapur, Sitapur. | RAMKOT . . . | 8 | 8 | } See Route 164. |
| | | MISRIKH . . . | 7½ | 15½ | |
| | | NIM KHAR . . . | 6½ | 22½ | |
| | Deputy Commissioner of Haridol, Haridol. | BISSEN . . . 60,000 sq. yds. | 6 | 29½ | } A small village; supplies procurable; good water, for a battn., from 2 wells on C-G., which is by roadside; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the Gunti (strongly bridged) at about 1, and pass Jariya at 3 m. |
| | | LODHI . . . 60,000 sq. yds. | 10 | 39½ | |
| | | MADHOGANJ . . . | 11 | 40½ | } See Route 412. Country and road as above; cross the Sal R. at about 1½, by ferry (2 boats, each carrying 50 men), pass Bhilawan at 2½, Dharampur at 5, and Firzpur at 10 m. |
| | | MAATI MAU . . . 60,000 sq. yds. | 6 | 57½ | |
| | Colr. of Furruckabad, Fatehgarh. | MENDHIHAT . . . | 6 | 61½ | } A small village; supplies procurable; good water, for a battn., from 3 wells on C-G., which is by the road, level, but flooded in rainy season; country as above; road unmetalled, and unfit for wheeled traffic during the rains. |
| | | SARAI MIRAN . . . | 6 | 67½ | |
| | | GURSAHAIGANJ . . . | 16½ | 84½ | } Country and road as in last stage. } See Route 418. } For other remarks, see Route 266. |
| | | CHHIBRAMAU . . . | 15 | 97½ | |
| | Colr. of Mainpuri, Mainpuri. | DEWAR . . . | 18½ | 111½ | } See Route 266. |
| | | MAINPURI . . . | 14½ | 125½ | |
| | Total marches, 18 = 129½ m. | | | | |

Route No 629(a).
FROM SITAPUR TO MAINPURI
via MALLANWAN AND MENDHIHAT.

| ACTIVITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|-----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Meerut District, Meerut. | Dr. Commr. of Sitapur, Sitapur. | RAMKOT . . . | 8 | 8 | } See Route 164. |
| | | MISRIKH . . . | 7½ | 15½ | |
| | | BENIGANJ . . . | 10½ | 26½ | |
| | Deputy Commissioner of Haridol, Haridol. | KACHHONA . . . | 11 | 37½ | } See Route 416. Country fairly cultivated; road, generally 40 ft. wide, neither metalled nor bridged, flooded and difficult for wheeled traffic in the rains; pass Fatehganj at 2, Bhadan at 7, and Gaju at 8 m. |
| | | MALLANWAN . . . | 20 | 57½ | |
| | | MENDHIHAT . . . | 10 | 67½ | } See Route 148. Country as in last stage; road as far as Ghanaganj, where a halt might be made, and which is passed just before crossing the Sal Nadi (fordable in dry season), is a cart track, impassable for wheeled traffic during the rains; thence it is raised, bridged, but unmetalled and difficult for carts during the rains. |
| | | SARAI MIRAN . . . | 6 | 73½ | |
| | Colr. of Furruckabad, Fatehgarh. | GURSAHAIGANJ . . . | 16½ | 89½ | } See Route 418. } For other remarks, see Route 266. |
| | | CHHIBRAMAU . . . | 15 | 103½ | |
| | Colr. of Mainpuri, Mainpuri. | DEWAR . . . | 18½ | 117½ | } See Route 266. |
| | | MAINPURI . . . | 14½ | 131½ | |
| | Total marches, 11 = 131½ m. | | | | |

Route No. 630.

FROM SITAPUR TO PADNAHA, on the Nepal Frontier.

via LAHARPUR, TAMOUR AND NANPARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | By Commr. of Sitapur. | KURSELA . . . | 7 | 7 | See Route 621(a). For other remarks, see Route 402. |
| | | LAHARPUR . . . | 10 | 17 | |
| | | CHANDI . . . | 10½ | 27½ | |
| | | TAMOUR . . . | 6½ | 34 | See Route 402. |
| | | KATANI GHAT . . . | 10 | 44 | |
| | Resident in Nepal, Kaimosi, Baharain, B. Baharain. | SHEOPUR . . . 63,160 sq. yds. | 10 | 54 | A large village; supplies procurable; good water from 8 wells, one on, and the others near, C-G., which is E. of road and about 200 yds. W. of village; country cultivated and wooded; road unmetalled, partially raised and bridged, but subject to floods in the rains; pass Narotampur at 6 m. |
| | | NANPARA . . . | 8½ | 62½ | |
| | | BADAGANJ . . . | 8 | 70½ | Country as in last stage; road 40 ft. wide, unmetalled, but partially raised and bridged; pass Bardaha bazar at about 3 and cross the Nigri nullah (strongly bridged) at 6 m. |
| | | BANKI . . . | 9 | 79½ | |
| | | MYNAPOKER . . . | 14 | 93½ | See Route 70. |
| | | PADNAHA . . . | 14 | 107½ | |
| | | Total marches, 11 = 107½ m. | | | |

Route No. 630(a).

FROM SITAPUR TO PADNAHA, on the Nepal Frontier.

via BISWAN, CHILARI AND NANPARA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | By Commr. of Sitapur. | SARAYIA . . . | 8 | 8 | See Route 624. |
| | | BISWAN . . . | 12½ | 20½ | |
| | | RASULPUR . . . | 11 | 31½ | |
| | | CHILARI . . . | 9 | 40½ | |
| | | AONRAHI . . . 22,280 sq. yds. | 6 | 46½ | A small village; supplies procurable; good water from 7 wells on C-G., shady site for which is W. of road and near a pool; country cultivated; road as in last stage; nullahs dry in dry season; cross the Gogia R. (for ferry, see Route 624) in the first mile. |
| | Resident in Nepal, Kaimosi, Baharain, B. Baharain. | SHEOPUR . . . | 18½ | 65½ | |
| | | NANPARA . . . | 8½ | 74½ | Country and road as before; pass Mahsi (p-o.) at 2, Baisapur at 6, Raipur at 7 and cross 2 nullahs, one (dry in dry season) at 8, the other (strongly bridged) at 12 m. See Route 630. |
| | | BADAGANJ . . . | 8 | 82½ | |
| | | BANKI . . . | 9 | 91½ | For other remarks, see Route 70.(1) |
| | | MYNAPOKER . . . | 14 | 105½ | |
| | | PADNAHA . . . | 14 | 119½ | See Route 70. |
| | | Total marches, 11 = 119½ m. | | | |

Route No. 631.

FROM SITAPUR TO PILIBHIT.

via AURANGABAD, MOHANDI AND BISALPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--------------------------------|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | By Commr. of Sitapur, Sitapur. | MAHOLI . . . | 14½ | 14½ | See Route 250. |
| | | AURANGABAD . . . p-o. | 10 | 24½ | A large village; supplies procurable; good water from 2 wells near C-G., small site for which is N. of village; country cultivated; road for 4 m. raised, metalled and bridged, thence unmetalled, and unfit for artillery during the rains; cross the Katwa R. soon after starting. |
| | | | | | |

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Deputy Commissioner of Kheri, Lucknow. | BARWAR . . . | 0 | 80½ | A village; supplies procurable; good but limited water from a well near C.G., small site for which is N. of road; country as above; road as in latter part of last stage; cross the Gunti R. towards end of stage, by ford over sandy bed in dry season, by ferry (1 small boat) in the rains. See Route 583. Country and road as in last stage. There is an unmetalled track from Sitapur making the following stages:— Sultanagar 14 m. Katta 0 Bikhampur 10 Kumbhi 6 Mohamdi 0½ Total 48½ m. |
| | | MONAMDI . . . | 0 | 30½ | |
| G. O. C. Rohilkund District, Bareilly. | Colr. of Shah-jahanpur, Shahjahanpur. Collector of Fathli, Fathli. | PAWAYAN . . . | 10 | 49½ | See Route 584(a). Country as before; road neither metalled nor bridged and unsuitable for wheeled traffic. |
| | | RAMRAOLI . . . 31,150 sq. yds. | 11 | 63½ | A large village; supplies on notice; good water, for a bathn., from a well and tank near C.G., which is close to village; country and road as above, but some nullahs bridged; pass Singapur at about 9½ m. and cross the Kanhaut Nadi (fordable) soon afterwards. Country as above; road unmetalled, but bridged and passable for all arms. See Route 584. For other Remarks, see Route 60. |
| | | DISALPUR . . . | 11 | 74½ | |
| | | DARKHERA . . . | 10 | 84½ | |
| | | PILIBHIT . . . | 12 | 96½ | |
| | | Total marches, 9 = 96½ m. | | | |

Route No. 632.
FROM SITAPUR TO SHAHJAHANPUR.
via MAJGAJGANJ AND UDEYPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Shah-jahanpur, Shahjahanpur. | MAHOLI . . . | 14½ | 14½ | See Route 250. |
| | | MAJGAJGANJ . . . 400 × 200 yds. | 0½ | 21 | |
| G. O. C. Rohilkund District, Bareilly. | Colr. of Shah-jahanpur, Shahjahanpur. | UDEYPUR . . . 400 × 200 yds. | 10 | 31 | A small village; supplies must be collected; good water, for a bathn., from a well on C.G., which is near road; country and road as in last stage; cross the Gunti R. (by a wooden bridge, unfit for artillery) at 5½ m. |
| | | GOURI . . . 76,800 sq. yds. | 10½ | 41½ | A small village; supplies must be collected; good water, for a bathn., from a well on C.G., which is N. of and close to road; country cultivated, but interspersed with jungle; road as above; cross the Sakhalia near end of stage. |
| | | SHAHJAHANPUR . . | 0½ | 63½ | See Route 62. |
| | | Total marches, 6 = 63½ m. | | | Country and road as in last stage; cross the Kanhaut at 9 m., by a bridge-of-boats maintained all the year round. |

Route No. 632(a).
FROM SITAPUR TO SHAHJAHANPUR.
via KULABAR GHAT AND PIHANI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Shah-jahanpur, Shahjahanpur. | MAHOLI . . . | 14½ | 14½ | See Route 250. |
| | | KULABAR GHAT . . | 12 | 26½ | |
| | | PIHANI . . . | 0 | 32½ | |
| | | PARA . . . | 0 | 38½ | A village; supplies procurable; good but limited water from a masonry well on C.G., site for which is W. of road; country and road as in last stage; pass Nizampur at 4 m. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|-----------------------------------|--------------------------------------|---|----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Round District Barrally. | Colr. of Shahjahanpur, Shahjahanpur. | SERAMAU . | 10½ | 49 | Country and road as in last stage; cross the Sukheta (fordable in dry season) 4 m. See Route 552. For other remarks, see Route 62. |
| | | SHAIJAHANPUR . | 10½ | 60½ | |
| | | Total marches, 6 = 69½ m. | | | |

Route No. 633.
FROM SITAPUR TO TULSIPUR.
via CHILARI AND IKAUNA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|----------------------------------|--|--|----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Oudh District, Lucknow. | Dr. Commr. of Sitapur, Sitapur. | SARAYIA . | 8 | 8 | See Route 624. |
| | | BISWAN . | 12½ | 20½ | |
| | | RASULPUR . | 11 | 31½ | |
| | | CHILARI . | 9 | 40½ | |
| | | SAINGAON . 16,100 sq. yds. | 10½ | 50½ | |
| | Deputy Commissioner of Bahraich, Bahraich. | KURASUHI . 17,820 sq. yds. | 11 | 61½ | A village; supplies procurable; good water from 4 wells on C.G., site for which is E. of road; country cultivated and wooded; road, raised, but neither metalled nor bridged and liable to floods, very difficult for wheeled traffic during the rains; nullahs fordable in dry weather; cross the Gogra (for ferry, see Route 824) in the first mile, and the Burhia Nadi at about 8 m. |
| | | NEMUI KHURD . | 9 | 70½ | A large village; supplies procurable; good water, for a battn, from 3 wells on C.G., site for which is W. of road; country and road as in last stage; cross a nullah at 6 and another at 8 m., the former is dry in dry season, and the latter (fordable) is temporarily bridged. |
| | | PIAGPUR . | 8½ | 80 | A small village; supplies procurable; good water, for a battn, from 5 wells on C.G., site for which is N. of road, level, but low-lying; country and road as above; nullahs generally fordable; cross the Saiju Nadi (strongly bridged) at 6 m. |
| | | RANIPUR TILAK 62,630 sq. yds. | 7½ | 87½ | See Route 288. Country and road as above; cross the Tehri Nadi at about 6 m., by temporary bridge in dry season, by ferry (6 boats, each carrying 60 men, on notice) in the rains |
| | | IKAUNA . | 8 | 95½ | A very small village; supplies procurable; good but limited water from a well on C.G., which is in a grove of trees W. of road, but half of it is flooded during the rains; country and road as above; pass Samrowan at 4 and cross the Tonk Nadi (strongly bridged) at 6 m. |
| | Dr. Commr. of Gondah, Gondah. | GHUGHALPUR . | 7 | 102½ | Country and road as before; pass Khajum at 2, Madara at 4, and enter forest at 7 m. |
| | | BALRAMPUR . | 7 | 109½ | See Route 72. |
| | | MIRZAPUR . | 7½ | 116½ | |
| | | TULSIPUR . | 10½ | 127½ | |
| | | Total marches, 14 = 127½ m. | | | |

Route No. 634.
FROM SOOREE TO GAYA.
via RAJNAGAR, DEOGARH, CHAKAI AND WAZIRGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds. | DISTANCE | | REMARKS. |
|---|--|--|----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Bithura, South Park, Dumka, Sooree. | RAJNAGAR (NAGAR) p-o. | 14 | 14 | A village; supplies on notice; plentiful good water from wells, tanks and springs close by; extensive space in field for C.G.; country level, open and well cultivated; road, 18 ft. wide, metalled and bridged, suitable for all arms. |
| | | GURJURI . 660 x 480 yds. | 8 | 22 | A village; supplies on notice; plentiful good water from 2 tanks E. and N.E. of village, S. of which is C.G.; country high, open and cultivated; road unmetalled, a mere surface track. |
| | | OHANDNA . 660 x 400 yds. | 8 | 30 | A small village; supplies on notice; indifferent water, especially in dry weather, for a battn, from a tank 1 m. W. of road; C.G. E. of village; country and road as in last stage; nullahs unbridged but fordable; cross the Sidh (fordable except for about 6 hours after heavy rain) about half-way, no ferry. |

| AUTHORITIES. | | Names of stages and size of encompassing grounds. | DISTANCES. | | REMARKS. |
|---|--|---|------------------|-------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Deputy Commissioner of Bostali Parganas, Dumka. | ASHNA 700 x 300 yds. | 8 | 38 | A village; supplies on notice; good water from streams, but indifferent from tanks, streams dry up in hot weather, but water may be obtained a little below the surface of the bads; C-G. S-E. of village; country as before; road, 15 to 20 ft. wide, unmetalled and in bad order; nullahs only difficult after heavy rain. |
| | | UTARBANDHA 850 x 270 yds. | 9 | 47 | A village; supplies on notice; good water, for a battn., from tanks on either side of the road, on both sides of which and E. of village is C-G.; country, road and nullahs as in last stage. |
| | | SARATH 290 x 190 yds. p-o. | 10 | 57 | A moderate-sized village near the Adjai supplies on notice; good water from 2 wells on, and a large tank about 220 yds. from C-G., which is W. of village; wells dry up in hot weather, but water may then be obtained from the river; country, road and nullahs as above. |
| | | SARWAN 200 x 200 yds. p-o. | 11 | 68 | A good-sized village; supplies easily procurable; good but limited water from a well $\frac{1}{2}$ m. N. of C-G., which is N. of village; country as above; road, 16 to 20 ft. wide, unmetalled but bridged throughout with temporary structures, not capable of bearing artillery; streams fordable except after heavy rain. |
| | | DEOGARH . . . | 10 | 78 | Country high, partly cultivated and partly jungle; road and bridges as in last stage; streams generally fordable. |
| | | PUNASI . . . | 10 | 88 | |
| | | CHAKAI . . . | 10 | 98 | |
| | Dy. Commr. of Monghyr, Hazratnagar, Hazratnagar. | CHUTRO . . . | 11 | 100 | See Route 118. |
| | | KHERODIH . (KHEJUR). | 11 $\frac{1}{2}$ | 120 $\frac{1}{2}$ | |
| | | GUMGI . . . | 13 $\frac{1}{2}$ | 134 | |
| | | MUNJNEH . . . | 10 $\frac{1}{2}$ | 144 $\frac{1}{2}$ | |
| | | GOBINDPUR . . . | 10 $\frac{1}{2}$ | 154 $\frac{1}{2}$ | |
| G. O. C. Allahabad District, Allahabad. | Collector of Gaya, Gaya. | NAWADAH . . . | 18 $\frac{1}{2}$ | 168 $\frac{1}{2}$ | For other remarks see Route 64. |
| | | HASWA . . . | 9 | 177 $\frac{1}{2}$ | |
| | | WAZIRGANJ . . . | 12 | 189 $\frac{1}{2}$ | |
| | | BODHGERA . . . | 11 | 200 $\frac{1}{2}$ | |
| | | GAYA . . . | 7 | 207 $\frac{1}{2}$ | |
| | | Total marches, 20 = 207 $\frac{1}{2}$ m. | | | |

Route No. 635.
FROM SOOREE TO JANGIPUR.
via SAINTHIA AND KHARGAON.

| AUTHORITIES. | | Names of stages and size of encompassing grounds. | DISTANCES. | | REMARKS. |
|---|---------------------------------------|---|------------------|------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collr. of Birbhum, Sooree. | SAINTHIA . . . | 10 | 10 | See Route 112. |
| | | BELGAON . . . | 13 $\frac{1}{2}$ | 23 $\frac{1}{2}$ | |
| | Collector of Murshidabad, Berhampore. | KULI . . . | 9 | 32 $\frac{1}{2}$ | A small village; supplies on notice; good but limited water from tanks 100 yds. N. of C-G., spacious site for which is $\frac{1}{2}$ m. N. of village; country flat and subject to inundation; road metalled, partially bridged for 8 m., remainder embanked, but neither metalled nor bridged, though suitable for all arms in dry weather. |
| | | KHARGAON . . . | 4 $\frac{1}{2}$ | 36 $\frac{1}{2}$ | A good-sized village; supplies on notice; fairly good water from tanks 200 yds. N-W. of C-G., spacious site for which is $\frac{1}{2}$ m. W. of village; country as above; road, 16 to 20 ft. wide, unmetalled, only partially bridged, but passable by all arms in dry season; cross a stream (fordable in dry weather) at about 3 $\frac{1}{2}$ m. by temporary bridge. |
| | | SHERPUR . . . | 8 | 44 $\frac{1}{2}$ | A small village; supplies must be collected; fair water from tanks 100 yds. N. of C-G., spacious site for which is 200 yds. E. of village; country and road as above; pass a large jheel at 5 m. |
| | | PANCHGAON . . . | 6 | 50 $\frac{1}{2}$ | A large village; supplies must be collected; fair water from tanks 300 yds. W. of C-G., spacious site for which is in fields 160 yds. E. of village; country liable to inundation; road, 20 to 25 ft. wide, unmetalled, chiefly under water during rains, passable for all arms in dry season; cross the Brahmini stream (fordable in dry season) at 2 $\frac{1}{2}$ m., by temporary bridge, and a large jheel (unbridged and difficult in the rains) soon afterwards. |

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Collector of Murshidabad, Esplanade, Calcutta. | NOADA . . . | 7 | 57½ | A village, supplies from Nulhati, 8 m. distant; good water from tanks in vicinity of U-G, spacious site for which is near road and N-E. of village; country level; road, 20 ft. wide, unmetalled and temporarily bridged, but nullahs are generally fordable. See Route 100. Country open and cultivated; road and nullahs as in last stage. From Jangipur a road runs W. to Murshidabad, distant about 16 m., and the same road continues towards Bhagalpur. |
| | | JANGIPUR . . . | 13 | 70½ | |
| | | Total marches, 8 = | | | |
| | | 70½ m. | | | |

Route No. 638.
FROM SOOREE TO MURARAI RAILWAY STATION.
 via MOLLARPUR AND NALHATI.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS. |
|---|-------------------------------|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Presidency District, Fort William. | Collector of Burdham, Sooree. | SAINTHIA . . . | 10 | 10 | See Route 112 |
| | | MOLLARPUR p-o r.s. | 11 | 21 | A large village; supplies on notice; plentiful good water from village tanks and a well in r-s, in fields on both sides of which, and about ½ m. N-E. of village, is extensive site for C-G.; country undulating and cultivated; road unmetalled but good; nullahs always fordable; crosses the More R. on starting, by ford in dry season, by ferry (1 boat carrying 5 tons) in the rains. There is another road to Mollarpur which makes the following stages:— Muhammad Bazar . . . 7 m Mollarpur " . . . 13 " |
| | | | | | TOTAL . . . 20 m. |
| | | RAMPUR-HAT p-o r-s | 9 | 30 | A large village; supplies procurable; abundant good water from tanks near hospital ½ m S of O.G, site for which is 1 m N. of village, with a large tank (water fair) on the ground, country flat and cultivated; road, only a fair weather track, 18 ft wide; nullahs only difficult during the rains. |
| | | NALHATI p-o r-s. | 8½ | 38½ | A village; supplies on notice; good water from the Brahmini R., on right bank of which and about 1½ m. S. of village is site for C-G.; country, road and nullahs as above. |
| | | MURARAI RY. STN | 12 | 48½ | See Route 115. Country and nullahs as above; road, 20 ft wide, unmetalled, bad and unsuitable for artillery; cross the Brahmini on starting, by ford in dry season, by ferry (1 large boat) in the rains, and the Pagla (fordable except after heavy rain) at 0 m. |
| | | Total marches, 6 = 48½ m. | | | |

Route No. 637.
FROM SOOREE TO RANIGANJ.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|--|---|-----------|--------|---|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Presidency District, Fort William. | Colr. of Burdwan, Esplanade, Calcutta. | DUBRAJPUR . . . | 13 | 13 | See Route 823. |
| | | DAIDYANATHPUR . . . | 9 | 22 | |
| | | RANIGANJ . . . | 12½ | 34½ | See Route 84. Country fairly cultivated; road tolerably good; nullahs only difficult after heavy rain. |
| | | Total marches, 3 = | | | |
| | | 34½ m. | | | |

Route No. 638.
FROM SYLHET TO CHARGOLA.
 via DATABARI.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|---|------------------------------|---|-----------|--------|-------------------|
| Military | Civil | | Miles. | Total. | |
| G. O. C. Assam Div. Sikkim, Darjeeling. | Dr. Comr. of Sylhet, Sylhet. | GOLAPGANJ . . . | 8 | 8 | See Route 592(a). |
| | | KASIYARA RIVER . . . | 14 | 22 | |
| | | KARIMGANJ . . . | 12 | 34 | |

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | KALIGANJ . . . | 8 | 42 | A village; supplies on notice; indifferent water from a small stream close to C-G., small site for which is S. of bazar; country well cultivated; there is no road, a track is made in the cold season by the Local Board, practicable for cavalry. |
| | | RATABARI . . . | 8 | 50 | A police stn.; a few supplies procurable; water obtainable; country and road as above. |
| | | OLD CHARGOLA GUARD. | 9 | 59 | A village; supplies on notice; fair water from a tank close to bazar, in and near which is small site for C-G.; country and road as above. |
| | | NEW CHARGOLA GUARD. | 7 | 60 | A police out-post and stockade; supplies on notice; water procurable; country and road as above. |
| | | Total marches, 7 = 60 m. | | | |

Route No. 639.
FROM SYLHET TO JOWAI.
via JAINTIAPUR.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Dr. Connor, of Jauntia Hill, Shillong. | HARIPUR . . . 300 x 300 yds. b. | 14 | 14 | A small village; supplies from Sylhet; good but limited water from a well; C-G. on cultivated land, dry only from December to March; country level and cultivated; road, 6 to 8 ft. wide, unmetalled, practicable for cavalry; bridges are temporary and will only bear light traffic; cross a stream at end of stage, by ford in dry season, by ferry (1 raft carrying 30 men) in the rains. |
| | | JAINTIAPUR . . . | 12 | 26 | Country level with partial cultivation; road, 8 to 10 ft. wide, unmetalled, partly under water in the rains, practicable for infantry; bridges as above; streams either fordable or crossed by rafts. See Route 632. For other remarks see Route 125. |
| | | JARAIN . . . | 17 | 43 | |
| | | JOWAI . . . | 11 | 54 | |
| | | Total marches, 4 = 54 m. | | | |

Route No. 640.
FROM SYLHET TO KHAMBERGHAT.
via HINGAJIYA.

| AUTHORITIES. | | Name of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | FENCHUGANJ . . . p-o. i.e. b. | 15 | 15 | A small stn. and steamer ghut on left bank of the Kasiyara; supplies procurable; fair water from the river; space for C-G. close to b., also in paddy fields; country flat and cultivated; road, 10 ft. wide, unmetalled, but practicable for all arms; bridges strong; cross the Surma on starting, and the Kasiyara at end of stage, by ferry of rafts. |
| | | HINGAJIYA . . . | 17 | 32 | A village and police stn.; supplies from Sylhet; plentiful good water from tanks in vicinity of C-G., small site for which is on high, level land near village; country as above; road as before, but only temporarily bridged and practicable for infantry; pass Kajaldham (p-o. t-s.) at about 14 m. |
| | | ALINAGAR . . . | 10 | 42 | A small place and an old stockade; supplies procurable; plentiful good water from tanks; small space available for C-G. on high, level ground; country cultivated, with jungle; there is no proper road, only a track practicable for infantry. |
| | | KHAMBERGHAT . . . | 7 | 49 | A village with police out-post on the borders of Tipperah and on right bank of the Manu R.; supplies procurable; good water from the river; space available for small C-G. on high, level ground; country cultivated and open; road as in last stage; cross the Manu by ford in dry season, by ferry (10 boats, each carrying 20 men) in the rains. |
| | | Total marches, 4 = 49 m. | | | |

Route No. 640(a).
FROM SYLHET TO KHAMBERGHAT.
via BALAGANJ AND ADAMPUR.

| AUTHORITIES. | | Names of stages and size of encamping grounds | DISTANCE. | | REMARKS. |
|------------------------------------|--|---|-----------|-------|--|
| Military. | Civil. | | Miles | Total | |
| G. O. C. Assam District, Shillong. | Deputy Commissioner of Sylhet, Sylhet. | BALAGANJ . p-o. t-s. b. | 18 | 18 | A village, with police post and steamer sta., on right bank of the Kasiyara; supplies procurable; fair water from the river, near which is site (in dry season only) for small C.G.; country level and cultivated; no road, only a cross country path, practicable for infantry; cross the Sarun on starting by ferry. |
| | | RAJNAGAR p-o. b. | 12 | 30 | A small village with police sta.; supplies procurable; plentiful good water from a tank close by; site for C.G. (in dry season only) in paddy-fields; country and path as above; cross the Kasiyara on starting, by ferry, 10 boats, each carrying 20 men. |
| | | MUNSHIBAZAR p-o. t-s. | 13 | 43 | A village near the Dhulal; supplies procurable; fair water from the river; C.G. in fields; country and path as above; cross the Manu R. en route, by ferry, 8 boats, each carrying 20 men. |
| | | ADAMPUR . p-o. t-s. | 18 | 60 | A village near the Dhulal; supplies on notice; fair water from the river; small site for encamping on high, level ground on either side of the road; country and path as above; streams and nullahs temporarily bridged. |
| | | KHAMBERGHAT . | 10 | 60 | See Route 610. |
| | | Total marches, 5 = 60 m. | | | There is no road, only a track, but it is fit for riding, passing partly through hilly country. |

Route No. 641.
FROM TEZPUR TO AMRATOL, in Bhutan.
via UDALGURI.

413

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioners of Barrang, Tezpur. | GABHORUGAON . | 13 | 13 | See Route 206. |
| | | DHERIAJULI . | 11 | 24 | |
| | | ORANG . | 7 | 31 | |
| | | UDALGURI . | 14 | 45 | |
| | | BHAIRABKHAND . | 8 | 53 | Country, grass-jungle with patches of cultivation; road 13 ft. wide and unmetalled; nullahs bridged, but some only with bamboo bridges; cross the Howia at 4½ and the Dhaneri at 9 m., both by ford in cold season, by ferry (a raft carrying 16 men) in the rains. See Route 276. |
| | | AMRATOL . | 7 | 60 | |
| | | Total marches, 6 = 60 m. | | | |

Route No. 642.
FROM TEZPUR TO KHERKHERIA, on the Bhutan Frontier.
via UDALGURI AND BENGARI.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|------------------------------------|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Assam District, Shillong. | Deputy Commissioners of Barrang, Tezpur. | GABHORUGAON . | 13 | 13 | See Route 206. |
| | | DHERIAJULI . | 11 | 24 | |
| | | ORANG . | 7 | 31 | |
| | | UDALGURI . | 14 | 45 | |
| | | BENGARI . p-o. t-s. b. | 9 | 54 | See Route 276. For other remarks see Route 631. |
| | | KHERKHERIA 130 x 130 yds. | 10 | 64 | A village; supplies procurable; abundant good water from the Bhala, on bank of which, and near the shore, is site for small C.G.; country flat, with grass for first 4 m., then more open and cultivated; road, 13 ft. wide, unmetalled and practicable for laden mules; nullahs mostly bridged with bamboo, and streams always fordable, except during floods. |
| | | Total marches, 6 = 64 m. | | | A small village and tea-garden on the Lakmi Nadi; supplies on notice; good water from the nadi and from reservoirs in the tea-garden; space for C.G. in the garden, near tea-house; country open and cultivated for first 3 m., after that dense grass-jungle; road as in last stage; cross the Bhala, fordable, except after heavy rain, at 3 m. A guard placed at Kherkheria could completely stop the Bhutias entering the plains. |

Route No. 643.
FROM TIKANGARI (TEHRI) TO NOWGONG.
via PALCHRA.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agra. | Political Agent, Bandelkhand, Nowgong. | MAJNA . b. | 13 | 13 | A small village; supplies scarce; plentiful good water from 2 wells near, and from a tank ½ m. from, C.G., site for which is on roadside and close to village; country broken and chiefly jungle; road metalled and fair; pass Lachmianpur at 4½ m. |
| | | JATARA 275 x 200 yds. p-o. b. | 12 | 24 | |
| | | PALCHRA . b. | 18 | 37 | A large village on E. edge of a large tank; supplies on notice; good water from a well E. of and close to C.G., which is about 1½ m. S.W. of village; country as above; road fair; nullahs only impassable after very heavy rain. From Jatara a good road runs N. to the town of Man (r-s.) on the Jhansi-Nowgong road, making the following marches— Bamori 10 m. Supplies and good water procurable. Man 9,, TOTAL . 19 m. |
| | | NOWGONG . | 10 | 53 | |
| | | Total marches, 4 = 53 m. | | | A village; supplies on notice; plentiful good water from 2 wells S. of and close to C.G., small site for which is ½ m. W. of village; country as above; road, an indifferent track; cross the Ur nullah (impassable after heavy rain) at about 7 m. See Route 253. Country and road as above; cross the Dhanan (impassable in flood) at 7 m., by a ford about a mile from Garoli, a village on the right bank, or ferry, 1 boat carrying 80 men. |

Route No. 643(a).
FROM TIKAMGARH (TEHRI) TO NOWGONG.
via BSAUNAGAR.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Bandelkhand District, Agm. | Political Agent, Bandelkhand, Nowgong. | BALDEOGARH . | 16 | 16 | NOTE.—Route 643 is preferable to this, the road being better and shorter, and the crossing of the Dhasan easier. See Route 620. |
| | | BSAUNAGAR 280 × 280 yds. | 24 | 39 | |
| | | NOWGONG . | 16 | 55 | A village in Charkhari territory; supplies on notice; plentiful good water from a well near O.G., which is about $\frac{1}{2}$ m. S.-E. of village, and 800 yds. W. of a small nullah; country broken and chiefly jungle; road, an ill-defined track, bad at any time and impassable for carts during wet weather; pass Chaudhura (suitable site for encampment here) at 10, cross the Dhasan (impassable after heavy rain) at 19 m., by ford in dry weather; there is a small ferry 8 m. lower down, but no road to it; cross the Tarper Nadi (impassable after heavy rain) at about 23 m., by a ford, near Rampur village. See Route 358. Country undulating and much broken near water-courses; road, a country track; pass Bandikalan at 4 $\frac{1}{2}$, Amkhara at 6 $\frac{1}{2}$ and Bhurra at 8 m. |
| | | Total marches, 3 = 66 m. | | | |

FROM UMBALLA TO BAHAWALPUR.

via PATIALA, SANGRUR, MALAUT, FAZILKA AND KHAIRPUR.

| AUTHORITIES. | | Name of stages and site of encamping grounds. | DISTANCES. | | REMARKS. |
|---|--|---|------------|---|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dr. Commr. of Umballa, Umballa. Chief Secretary to Punjab Government. | MUGHAL-KI-SARAI | 10½ | 10½ | See Route 266. |
| | | RAJPURA p-o. t-s. r-s. | 6½ | 17 | A small village in Patiala; supplies on notice; good water, for a battn., from wells; land available for C-G. ¼ m. S. of r-s; country partially cultivated; road metalled and bridged; pass Shamra at 6, and Mahtabgarh at 6 m. |
| | | PATIALA p-o. t-s. r-s. b. | 15 | 32 | A large town; plentiful supplies; abundant good water from wells; there are two extensive sites available for encamping, situated 2 m. E. and W. of town respectively; country and road as in last stage; pass Tarhairi at 9 and Theri at 13 m. |
| | | BHAYDPURA | 12 | 44 | A small village; supplies on notice; plentiful good water from a well and tank; C-G. in adjacent fields; country open and cultivated; road as before; pass Chuharpur at 7½ and Shaikhupur at 9 m. |
| | | BHAWANIGARH p-o. | 12 | 56 | A large village; supplies on notice; plentiful good water from wells; C-G. in adjacent fields; country and road as above; pass Rajpura at 7 m. |
| | | SANGRUR | 12½ | 68½ | See Route 425. |
| | | DHANAULA 145 x 120 yds. | 16 | 84½ | A large village; supplies on notice; abundant good water from wells and a tank; C-G. in adjacent fields; country and road as before; pass Bahadurpur at 6 and Kaneran at 8 m. |
| | | ALAKI | 15½ | 99½ | A small village in Patiala territory; supplies on notice; abundant good water from wells; C-G. in adjacent fields; country and road as before. |
| | Dr. Commr. Ferozepore, Ferozepore. Chief Secy. to Punjab Govt. | MEHRAJ | 8½ | 108½ | A village; supplies on notice; abundant good water from 4 wells in village; C-G. in adjacent fields; country and road as before; pass Phul at 6 m. |
| | | NATHANA | 6½ | 114½ | See Route 379. Country and road as before. |
| | | NEAWALA | 11½ | 126 | A village in Faridkot territory; supplies on notice; good water from 2 wells and a tank; C-G. anywhere in vicinity of village; country and road as before; pass Dhillwa at 2½, and Bhokra at 9 m. Gonianna (r-s.) is ½ m. N. of Neawala. |
| G. O. C. Lahore District, Meen Meer. Dr. Commr. of Ferozepore, Ferozepore. Political Agent at Bahawalpur. | KOT-BHAI p-o. b. | 13½ | 139½ | A small town; supplies procurable; good water from 2 wells; C-G. in adjacent fields; country as before; road often a mere bridle path unfit for wheeled traffic, and very sandy in places; pass Mihra at 4 and Belayana at 9 m. There is another road from Nathana which makes the following stages:— Bhatinda . . . 13½ m. Kot-Bhai . . . 14 " TOTAL . . . 27½ m. | |
| | | MALAUT | 18 | 157½ | See Route 201. Country cultivated; road as before; pass Batar at 2, and Buvania at 6 m. |
| | ARNIWALA | 16 | 163½ | See Route 620(a). | |
| | FAZILKA | 14 | 182½ | For other remarks see Route 620(a). | |
| | HASIL SARU | 12½ | 195 | | |
| | MCLEODGANJ | 11 | 206 | | |
| | MINCHINABAD | 10 | 216 | | |
| | CHAKUKA | 10 | 226 | | |
| | JHULAN | 10 | 236 | | |
| | SADIKPUR | 13½ | 249½ | | |
| | MAHTHA JHEDU | 18½ | 263 | See Route 254. | |
| | SHAHR-FARID | 9 | 272 | | |
| | HASILPUR | 18 | 285 | | |
| | KAIMPUR | 8 | 293 | | |
| Bahawalpur Territory. | KHAIRPUR | 12½ | 305½ | | |
| | BRIDGE No. 1 | 17 | 322½ | | |
| | BAHAWALPUR | 20½ | 342½ | For other remarks see Route 122. | |
| | | Total marches, 28 = 842½ m. | | | |

Route No. 645.
FROM UMBALLA TO DAGSHAI.
via KALKA AND THE NEW ROAD.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|-------------------------------------|---------------------------------|--|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Umballa, Umballa. | From the Church to LALRU 395 x 395 yds. p.o. r.s. b. | 11½ | 11½ | A village in Patiala territory; supplies procurable; water (not very good) for a batin, from a well on C-G, which is E. of the road, opposite to, and 4 m. from, r.s.; country level, open and cultivated; road metalled, bridged throughout, 40 ft wide, passable for all arms; leave the Grand Trunk Road at 2½, pass Kakra at 4, Tharmarra at 5½ and Sursum at 7½ m. |
| | | MUBARAKPUR 500 x 300 yds. p.o. r.s. b. | 9½ | 21½ | A village on left bank of the Ghaggar; supplies procurable; good water, for a batin, from 2 wells on C-G, which is W. of road and close to r.s.; country and road as above, pass Duppur at 2, Gurnilpur at 5, and Basal at 7½ m. |
| | | CHANDIGARH | 10½ | 31½ | Country low-lying, sometimes inundated, road as in previous stages, the Ghaggar is crossed shortly after leaving Mubarakpur, fordable except after heavy rain; the bridge over the river could always be used by infantry and laden animals; pass Kandi at 4, Minlapur at 5, and Surajpur at 8 m. |
| | | KALKA | 7½ | 39½ | See Route 381. |
| | | DHARMIPUR | 16½ | 56½ | |
| | | DAGSHAI | 1½ | 58½ | See Route 387. |
| | | Total marches, 6 = 58½ m. | | | Leave the Simla road at 2 m. and ascend by easy gradients to Dagshai. |

Route No. 645(a).
FROM UMBALLA TO DAGSHAI.
via NAHAN.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|-------------------------------------|---------------------------------|---|----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Umballa, Umballa. | PUTWI 13,880 sq yds | 0 | 0 | A small village, supplies on notice, good, but limited, water from 2 wells just outside village and near C-G, which is E. of village and N. of road, in a plot of land belonging to zamindars; country open and cultivated; road 30 to 40 ft wide, partly metalled as far as Handeru, 7 m., remainder unmetalled, heavy and sandy, passable throughout for all arms; cross the Tangra and Dullah nullahs by ford, both are dangerous during and for some time after the rains, on account of sudden floods and quicksands; pass Tundla at 1, Hullahari at 2½ and Chajja Majara at 7 m. |
| | | NARAINGARH | 13 | 23 | See Route 110. |
| | | NAHAN | 13 | 35 | Country as above, road 30 to 40 ft wide, unmetalled and unbridged, sandy and heavy across nullahs, latter being unfordable after heavy rain on account of quicksands, pass Bhajadpur at 7, and Basal at 10½ m. |
| | | BONITI | 8 | 43 | Country as before, road unmetalled but passable for all arms, just before reaching Kala Am (1½ m.) there is a steep ascent, thence a gradual ascent to Nahan; pass Sungtan at 3, and Nangul at 6½ m., nullahs and streams are fordable except when in flood. |
| | | SURAN | 8 | 61 | See Route 107. |
| | | NAINA | 8 | 69 | |
| | | DAGSHAI | 8 | 67 | For other remarks see Route 357. |
| | | Total marches, 7 = 67 m. | | | |

Route No. 646.
FROM UMBALLA TO DHARMSALA.
via RUPAR, BILASPUR, SUKET AND BAIJNATH.

| AUTHORITIES | | Names of stages and size of encamping grounds | DISTANCE | | REMARKS |
|-------------------------------------|--|---|----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. C. Sirhind District, Umballa. | Deputy Commissioner of Umballa, Umballa. | BANUR p.o. | 16½ | 16½ | A large village in Patiala territory, supplies on notice; abundant good water from 2 wells in village and (for animals) from a canal, C-G anywhere near village and of unlimited size; country open level and cultivated, the Grand Trunk Road is left shortly after crossing the Ghaggar (bridged) at 7 m., thence the road is unmetalled, but bridged and fit for all arms, pass Rajgarh at 8 and Ghaggar at 13½ m. |
| | | KHARAR | 14 | 20½ | Country as before, road as in latter portion of last stage; cross the Rutial stream at 10 m., impassable after heavy rain. |
| | | KURALI | 7½ | 27½ | See Route 381. |
| | | RUPAR | 9½ | 46½ | |

| ATTRIBUTES. | | Name of stage and place of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|--|---|-----------|---------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sialkot District, Umballa. | Deputy Commissioner of Punjab, Simla. | JUGATHANA . . . | 8½ | 66 | See Route 331(a). |
| | | KUNDULU . . . 35,000 sq. yds. | 11 | 66 | A small village; supplies on notice; abundant good water from a well, two springs and a tank; C.G. on roadside near village; country hilly and partially cultivated; road unmetalled, 16 ft. wide, nullahs unbridged, difficult in rains. |
| | | SUHAN GHAT . . . 21,000 sq. yds. | 7 | 73 | A few huts; supplies must be collected; good water, for a battn., from a pond and stream; C.G. on cultivated land E. of the huts; country hilly and jungly; road as before. |
| | | BILASPUR . . . | 8 | 81 | See Route 610. Road as before; crosses the Ghumbar (fordable) at 4 m.; the road then follows the left bank of the Sutlej. |
| | | DIHUR . . . | 11 | 92 | A village in Suket territory, on right bank of the Sutlej; good water from the river, on bank of which is small C.G.; country and road as before; the Sutlej is crossed at end of march by ferry, 2 boats carrying 50 men each. |
| | | SUKET . . . P.O. | 11 | 103 | A small town; supplies procurable; abundant good water from a well and streams; extensive C.G. on cultivated land round village; country and road as before. Litter bad in places and liable to land-slips. |
| | | NANDI . . . | 13 | 116 | A town on left bank of the Beas at its junction with the Suket stream; supplies on notice; good water from the river; site for extensive C.G. E. of town, and separated from latter by a valley which is crossed by a suspension bridge; country and road as before; the Suket stream (fordable) is crossed at 6 and 9 m. |
| | | DEANG . . . | 11 | 127 | A village; supplies on notice; abundant good water from a water-course, supplied by a spring 2 m. distant; land available for C.G. near village; country and road as before, gradients of latter are easy and nullahs bridged. |
| | | ARLA . . . | 13 | 140 | A few huts; supplies scarce; abundant good water from a stream; C.G. of limited area on small fields; country and road as before, latter almost level. |
| | | DHILU . . . | 13 | 153 | Country and road as before, latter narrow in places and liable to land-slips. |
| G. O. C. Lahore District, Muzo Meer. | Deputy Commissioner of Kangra, Dharmala. | BAJNATH . . . | 10½ | 163½ | See Route 610(c). |
| | | PALAMPUR . . . | 9 | 172½ | |
| | | DADH . . . | 9 | 181½ | For other remarks see Route 610. |
| | | LOWER DHAEMSALA . . . | 10½ | 192 | For other remarks see Route 610. |
| | | UPPER DHAEMSALA . . . | 6½ | 197½ | See Route 323. |
| | | Total marches, 19 = | | 197½ m. | |
| | | | | | |

Route No. 647.

FROM UMBALLA TO FERROZEPORE.

via PATIALA, NABHA, MALER-KOTLA AND BHUDNI-KALAN.

| ATTRIBUTES. | | Name of stage and place of encamping grounds. | DISTANCE. | | REMARKS. |
|--------------------------------------|---|---|-----------|---------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sialkot District, Umballa. | By Command of Umballa, Government. | MUGHAL-KI-SARAI . . . | 10½ | 10½ | See Route 260. |
| | | RAJPURA . . . | 6½ | 17 | See Route 644. |
| | | PATIALA . . . | 16 | 33 | |
| | | NABHA . . . | 16 | 49 | Country level, open and fairly cultivated; road indifferent, bad in the rains. |
| | | AMARGARH . . . | 11 | 60 | See Route 383. |
| | | MALER-KOTLA . . . | 10 | 60 | |
| | | BHURWALI . . . | 10 | 70 | A fair-sized village in Nabha; supplies on notice; good water, for a battn., from 2 wells, one S. and the other W. of C.G., extensive site for which is on cultivated land about 400 yds. N.W. of village; country generally open and cultivated; road, 20 ft. wide, unmetalled, sandy in parts, but passable for all arms. |
| | | DASSIAN . . . P.O. | 12 | 82 | A moderate-sized village; supplies procurable; plentiful good water from wells in vicinity; open site near village available for C.G.; country open and cultivated; road good, but sandy in places; pass Kadian at 4 and Lakot at 9 m. |
| | | BHUDNI-KALAN . . . | 16 | 106 | See Route 384. Country and road as in last stage. |
| | | BAGHAPARANA . . . | 11 | 117 | Country rather barren; road fair, but heavy in places. |
| G. O. C. Lahore District, Muzo Meer. | By Command of Ludhiana, Government, Ferozepore. | MOODKEE . . . | 14 | 131 | See Route 250. |
| | | MISHIWALA . . . | 9½ | 140½ | |
| | | FERROZEPORE . . . | 10 | 160½ | For other remarks see Route 47. |
| | | Total marches, 13 = | | 160½ m. | |

Route No. 648.
FROM UMBALLA TO HISSAR.
via KAITHAL AND BARWANA.

| AUTHORITIES. | | Names of stages and also of encamping grounds. | DISTANCE. | | REMARKS. |
|-------------------------------------|--|--|-----------|--------|--|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Chief Secy. to Rajpab Government By Commr. of Hissar, Hissar. | BEROWLI 282,320 sq yds. | 11 | 11 | A fairly-sized village; supplies on notice; good water, for a batin, from a well about 470 yds S.E. of village, W. of which is site for U-G.; country level, jungly in parts, with cultivation here and there; road unmetalled, but passable for all arms. |
| | | ISMAILABAD | 0 | 20 | A small village; supplies on notice; good water, for a batin, from a well N.E. of U-G.; extensive site for which is E. of village; there is also a large space W. of village; country and road as above. |
| | | PIHEWA | 12 | 32 | See Route 331(a). Country as above; road bad and generally impassable in wet weather; cross the Sirhi (sometimes unfordable in the rains) towards end of stage. |
| | | KAITHAL | 10 | 42 | See Route 331. Country and road as in last stage; pass Ujaur at 12½ m. |
| | | KILLAYAT | 11 | 53 | A small village; supplies on notice; good water, for a batin, from wells; a good round village available for encampment; country level, jungly, with sparse cultivation; road as above. |
| | | NARWANA | 10 | 63 | See Route 256(a). Country level and fairly cultivated; road unmetalled, good, except after rain. |
| | | DANAUDA | 0 | 61 | Country level and jungly; road as in last stage. |
| | | BARWANA | 14 | 75 | See Route 250. |
| | | HISSAR | 17½ | 112½ | For other remarks see Route 191. |
| | | Total marches, 9 = 112½ m | | | |

Route No. 649.
FROM UMBALLA TO JUTOGH.
via KALKA AND THE NEW ROAD.

| AUTHORITIES. | | Names of stages and site of encamping grounds | DISTANCE. | | REMARKS. |
|-------------------------------------|--|---|-----------|-------|--|
| Military. | Civil. | | Miles. | Total | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Umballa. Deputy Commissioner of Simla, Simla. | LALRU . . . | 11½ | 11½ | } See Route 645. |
| | | MUBARAKPUR . . . | 9½ | 21½ | |
| | | CHANDIGARH . . . | 10½ | 31½ | } For other remarks see Route 615. |
| | | KALKA . . . | 7½ | 39½ | |
| | | DHARMPUR . . . | 16½ | 51½ | } See Route 331. |
| | | SOLAN . . . | 12½ | 67½ | |
| | | KHAIRI GHAT . . . | 18½ | 80½ | } See Route 610. Country mountainous; road very good and bridged; leave the Simla road at 13 m., and pass through Boileauganj; carts must unload on the longer road and baggage be conveyed to Jutogh by coolies. |
| | | JUTOGH . . . | 10 | 90½ | |
| | | Total marches, 8 = 96½ m. | | | |

Route No. 650.
FROM UMBALLA TO KASAUJI.
via KALKA AND THE NEW ROAD

| AUTHORITIES | | Names of stages and also of encamping grounds. | DISTANCE | | REMARKS. |
|--|--|--|----------|--------|------------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sirhind District, Umballa. | Dy. Commr. of Umballa, Umballa. Dy. Commr. of Simla, Simla. | LALRU . . | 11½ | 11½ | } See Route 645. |
| | | MUBARAKPUR . . | 9½ | 21½ | |
| | | CHANDIGARH . . | 10½ | 31½ | } For other remarks see Route 615. |
| | | KALKA . . | 7½ | 39½ | |
| | | DHARMPUR . . | 16½ | 51½ | } See Route 831. |
| | | KASAULI . . | 7 | 61½ | |
| | | Total marches, 6 = 61½ m. | | | |

Route No. 651.
FROM UMBALLA TO LANDOUR.
via BILASPUR AND DEHRA-DUN.

419

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. | |
|-------------------------------------|---|--|-----------|--------|---|---|
| Military. | Civil. | | Miles. | Total. | | |
| G. O. C. Sikh District, Umballa. | Deputy Commissioner of Umballa, Umballa. | From the Church to— MULANA 400 × 400 yds. p-o. b. | 13½ | 13½ | A village; supplies procurable; abundant good water from 5 wells; C-G. S-W. of village; country open, level and well cultivated; road neither metalled nor bridged, very heavy in places, but fit for all arms; several nullahs are crossed which would be impassable after heavy rain; cross the Tangri at 1½, pass Ghakana at 2½, cross the Umar at 4½ and the Begna at 18 m. | |
| | | BILASPUR . . . | 16 | 29½ | | Country as before; road a mere track and unfit for wheeled traffic; cross the Markanda at 1½ m. and the Bursati at end of march, both fordable. See Route 410. |
| | | KHIZARABAD . . . | 12½ | 41 | | |
| | | KALISAR . . . | 5½ | 49½ | | |
| | | RAMPUR-MANDI . . . | 13½ | 63½ | | |
| | Superintendent of Dehra- Dun, Dehra-Dun. | SAHASPUR . . . | 10 | 73½ | For other remarks see Route 410. See Route 407. For other remarks see Route 407. See Route 40(a). For other remarks see Route 40. | |
| | | JHANJA . . . | 7½ | 80½ | | |
| | | DEHRA-DUN . . . | 8½ | 89½ | | |
| | | RAMPUR . . . | 6 | 95½ | | |
| | | LANDOUR . . . | 8 | 103½ | | |
| Total marches, 10 = 103½ m. | | | | | | |

Route No. 652.
FROM UMBALLA TO LUDHIANA.
via PATIALA AND ISRU.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---|--|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sikh District, Umballa. G. O. C. Lahore District, Meerut. | Dr. Commr. of Umballa, Umballa. | MUGHAL-KI-SARAI | 10½ | 10½ | NOTE.—For a much better route, see the Grand Trunk Road, No. 262. See Route 266. See Route 614. A village in Patiala; supplies and fodder on notice; good water, for a bath, from wells; plenty of space for C-G. near village; country level, open and fairly cultivated; road, about 12 ft. wide, unmetalled, but raised and bridged; cross the Chohna Nadi (generally fordable) during the last half of the stage. A village in Nabha territory; supplies on notice; good water, for about 2 battns., from 4 wells near C-G., site for which is 300 yds. N. of village, and is connected with Nabha r-r. by a metalled road; country as above; road, a 12-ft. kutcha track, but practicable for wheeled traffic; pass Ajnanda at 3 and Natara at about 6 m. A village; supplies on notice; good water from 5 wells E. of site for C-G., which is on waste land W. of village; country open and partly cultivated; road about 25 ft. wide, unmetalled and bad in parts, but passable for cavalry. Country tolerably well cultivated; road as in last stage. See Route 266. |
| | | RAJPURA . . . | 6½ | 17 | |
| | | PATIALA . . . | 16 | 33 | |
| | | MANDAWAR . . . | 10 | 43 | |
| | | BIHADSON . . . 410 × 130 yds. p-o. | 8 | 50 | |
| | Chief Secretary to Punjab Government. Dr. Commr. of Ludhiana, Ludhiana. | ISRU . . . 21,460 sq. yds. | 14 | 64 | |
| | | DORANA . . . | 10½ | 74½ | |
| | | LUDHIANA . . . | 13 | 87½ | |
| | | Total marches, 8 = 87½ m. | | | |

Route No. 653.
FROM UMBALLA TO ROHTAK.
via KATHAL AND JHIND.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|----------------------|-------------------------------|--|-----------|--------|---|
| Military. | Civil. | | Miles. | Total. | |
| Sikh Dist., Umballa. | Dr. Commr. of Karnal, Karnal. | BEROWLI . . . | 11 | 11 | See Route 618. For other remarks see Route 261(a). For other remarks see Route 591. |
| | | ISMAILABAD . . . | 9 | 20 | |
| | | PHUWA . . . | 12 | 32 | |
| | | KATHAL . . . | 10 | 42 | |

| AUTHORITIES | | Names of stages and size of encamping grounds | Distances | | REMARKS |
|------------------------------------|--------------------------------------|---|-----------|-------|---|
| Military | Civil | | Miles | Total | |
| G. O. G. Sirhind District, Unballa | Dr. Commr. of Karnal, Karnal | KATHANA . . | 17 | 65 | A small village; supplies on notice, plentiful good water from a well and (for animals) from a tank near C-G, extensive site for which is N-W of village; there is also a large space on both sides of the road; country open, level and partially cultivated; road, average width about 80 ft., unmetalled, but passable for all arms, canals bridged, pass Kasan at 11 m. |
| | Chief Secy. to Punjab Government | JHIND . . | 17 | 82 | |
| | Dr. Commr. of Rohilkhand, Rohilkhand | JULANA . . | 14½ | 96½ | See Route 258(a). Country partially cultivated, but chiefly covered with jungle; road as above. |
| | Chief Secy. to Punjab Government | GHIRI . . | 11 | 107½ | |
| | Dr. Commr. of Rohilkhand, Rohilkhand | ROHTAK . . | 11½ | 119½ | See Route 260. For other remarks see Route 191. |
| G. O. G. Alcant District, Alcant | Dr. Commr. of Rohilkhand, Rohilkhand | Total marches, 9 = | | | |
| | Chief Secy. to Punjab Government | 119½ m. | | | |

Route No. 654.
FROM UNBALLA TO SIRSA.
via PATIALA AND BUDLADAH

| AUTHORITIES | | Names of stages and size of encamping grounds | Distances | | REMARKS |
|-------------------------------------|----------------------------------|---|-----------|-------|--|
| Military | Civil | | Miles | Total | |
| G. O. G. Sirhind District, Unballa. | Dr. Commr. of Unballa, Unballa | MUGHAL-KI-SARAI . . | 10½ | 10½ | See Route 268. |
| | Chief Secy. to Punjab Government | RAJPURA . . | 6½ | 17 | |
| | Chief Secy. to Punjab Government | PATIALA . . | 15 | 32 | See Route 641. |
| | Chief Secy. to Punjab Government | BHAYDPURA . . | 13 | 45 | |
| | Chief Secy. to Punjab Government | BIHAWANIGARH . . | 12 | 57 | |
| | Chief Secy. to Punjab Government | MAHLAN . . | 12 | 69 | A village in Jhind territory; supplies on notice; abundant good water from a stream; fields available for C-G; country open and partly cultivated; road, about 30 ft wide, raised and metalled; pass Guruchon, on the Karnal-Ferozepore road, at about 6½ m. From Mahlan a metalled road runs N. to Dhuri rs., distant 14 m. |
| | Chief Secy. to Punjab Government | JAKATWAL . . | 12½ | 81½ | |
| | Dr. Commr. of Karnal, Karnal | BUDLADAH . . | 13½ | 95½ | A village in Patiala territory; supplies and fodder on notice; plentiful good water from wells and a tank, near which is suitable land for encampment; country and road as above; nearest p-o is at Sonam, about 6 m distant |
| | Chief Secy. to Punjab Government | JUHUNJAR . . | 16 | 110 | |
| | Chief Secy. to Punjab Government | 165,240 sq yds. | | | A small village; supplies on notice; brackish water from a well (diameter 0 ft., depth of water 8 ft) and tank near village, 100 yds W. of which is flat land suitable for C-G; country flat, open and sandy, road, 9 ft wide, unmetalled, heavy in places, but passable for all arms, canal distributaries strongly bridged pass Doba at about 7 and Nandgarh at 12 m |
| | Chief Secy. to Punjab Government | DUDHAL . . | 10½ | 120½ | |
| | Dr. Commr. of Hissar, Hissar | SIRSA . . | 10½ | 137 | A large village, supplies on notice; good water, for a bath, from wells in and near village, ample space in surrounding fields for C-G; country and road as in last stage, pass Futra at about 8½ m |
| | Chief Secy. to Punjab Government | Total marches, 11 = | | | |
| | Chief Secy. to Punjab Government | 187 m. | | | See Route 261 Country and road as above. |

Route No. 655.
FROM UMBALLA TO SUBATHU.
via KALKA AND THE NEW ROAD.

421

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|---------------------------------------|--|--|-----------|--------|----------------------------------|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Sikhia District, Umballa. | Dy. Commr. of Umballa, Umballa, Dy. Commr. of Simla, Simla. | LALRU . . . | 11½ | 11½ | See Route 645. |
| | | MUBARAKPUR . . . | 9½ | 21½ | |
| | | CHANDIGARH . . . | 10½ | 31½ | For other remarks see Route 645. |
| | | KALKA . . . | 7½ | 39½ | |
| | | DHARMPUR . . . | 15½ | 54½ | See Route 331. |
| | | SUBATHU . . . | 10½ | 65½ | |
| | | Total marches, 6 = 65½ m. | | | |

Route No. 656.
FROM WAZIRABAD TO PASRUP.

| AUTHORITIES. | | Names of stages and size of encamping grounds. | DISTANCE. | | REMARKS. |
|--|---|--|-----------|------------------------------|---|
| Military. | Civil. | | Miles. | Total. | |
| G. O. C. Rawal Pindi District, Rawal Pindi. | Deputy Commissioner of Sialkot, Sialkot. | KUNDAN SEAN 650 x 400 yds. p-o. | 0 | 0 | A large village; supplies on notice; plentiful good water from 8 wells in vicinity of C-G., which is 1 m. beyond village; country flat and cultivated; road, 36 ft. wide, unmetalled, but good, though liable to be flooded in wet weather; cross a nullah at 3½, by an Irish bridge, and pass Sindhawala at 7 m. |
| | | DASKA | 8 | 17 |  | See Route 458(a). |
| | | KOTLI FARIE CHANDI. 270 x 270 yds. p-o. | 11 | 28 | Country and road as before; pass Bambawala at 3½ m. A village; supplies on notice; plentiful good water from 2 wells close to C-G. which is near village; country as before; road unmetalled and rough but bridged and practicable for all arms. |
| | | PASRUP | 7½ | 35½ |  | See Route 51. |
| | | | | Total marches, 4 = 35½ m. | |

ALPHABETICAL INDEX

OR

STAGES

AND

THE NUMBERS OF THE ROUTES IN WHICH THEY OCCUR.

| Names of stages. | Routes Nos. | Names of stages. | Routes Nos. | Names of stages. | Routes Nos. |
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| Names of stages. | Route Nos. | Names of stages. | Route Nos. | Names of stages. | Route Nos. |
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| Names of stages. | Routes Nos. | Names of stages. | Routes Nos. | Names of stages. | Routes Nos. |
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